

DECEMBER 1959

C41.20/3  
VOLUME 5 • NUMBER 12

# CONSTRUCTION REVIEW

*Featured in this issue . . .*

## OUTLOOK FOR 1960 CONSTRUCTION

- *Expenditures*
- *Starts*
- *Materials*
- *Awards*
- *Permits*
- *Costs*
- *Employment*

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CONSTRUCTION REVIEW is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C. Subscription price per year--\$3 domestic; \$4 foreign. Single copies, at 30 cents each, may be purchased from any of the Department of Commerce Field Offices.

*Use of funds for printing this publication approved by the Director of the Bureau of the Budget (January 31, 1958).*

## At a Glance

**CONSTRUCTION OUTLOOK FOR 1960**—On the assumptions that the national economy will move forward next year and that no further tie-ups will occur in steel, outlays for new construction in 1960 are expected to reach a record breaking \$55.3 billion total. This would represent a 2 percent gain over the anticipated 1959 total of \$54 billion. Because of expected rising construction costs, the physical volume in both 1959 and 1960 should be about the same. For individual types of construction, however, sharp reversals of 1958-59 trends are foreseen. Expenditures for private housing should decline next year by 6 percent, after a gain of 25 percent in 1959. Private nonresidential building promises to rise by 19 percent, following a 1 percent decline in the current year. If the expected 2 percent decline in highway construction materializes in 1960, it will be the first year in the post-war period that a gain has not been registered.

**CONSTRUCTION ACTIVITY**—Estimates for October 1959 indicated a 5 percent drop in total construction from September, but still 2 percent above October 1958. Revised figures for 1958 indicated a total of \$48.9 billion, \$33.5 for private and \$15.4 billion for public construction. The chief revisions were in farm—reduced 5 percent from previous estimates; gas utility—down 14 percent from earlier figures; and highways—up 3 percent to \$5,500 million. Revised estimates for 1959 showed a downward revision in the annual rate of highway and public utility spending, as well as an upward movement for farm construction reflecting the relatively good farm income situation in 1958.

**HOUSING STARTS IN OCTOBER**—New private housing starts declined in October to 102 thousand units, down almost 13 percent from September's 117 thousand units and nearly 10 percent below starts in October 1958. In the first 10 months of 1959, however, 1,169,000 private starts were recorded, a gain of nearly 24 percent over the corresponding 10 months of 1958. Although a successive downward escalation from very high levels has taken place for the last 6 months, the unusual strength of starts in the early part of the year account for the excellent 10 months' total. New private housing starts for the year as a whole were presently estimated at 1,325,000 units, a figure exceeded only by that of 1950.

At the seasonally adjusted annual rate of 1,180,000, October starts were the lowest of the year to date.

**FHA-VA ACTIVITY**—For the first 10 months of this year FHA applications and VA appraisal requests were both 3 percent ahead of the corresponding figure for 1958. Despite the surge of activity in the first 6 months of this year as compared with

last year, the final figures for 1959 may merely duplicate the results for 1958.

The large backlog of applications built up in the first 6 months of 1959 is being reflected now in greater volume of FHA mortgages insured. At September's close, 184,000 FHA insured mortgages had been processed, a gain of 24 percent over the 9-month period ending September 1958.

**NONFARM MORTGAGE RECORDINGS IN SEPTEMBER**—Mortgage recordings of \$2.8 billion in September brought the total for the three quarters of the year to \$24.5 billion. The 26 percent increase over the corresponding 9-month period of 1958 followed from the high level of new private starts earlier in the year.

The number of recordings in September was down by 1 percent from August and the total dollar value was off slightly more but without significant change in the average dollar amount per mortgage recorded.

**BUILDING PERMIT ACTIVITY IN SEPTEMBER**—Permits for all building construction (private and public) moved ahead in September although the dollar gain was little more than 1 percent over August 1959. The September value, at \$1,946.3 million, was 5 percent ahead of the corresponding month of last year. Of more significance, the dollar value of building permits for the first 9 months was 16 percent greater than in the comparable period one year ago. The gains recorded by total permits were restrained by the lower level of permits for publicly financed construction. These permits were valued at \$87.1 million in September, off 46 percent from August 1959 and down 67 percent from September 1958. The 9-month total for 1959 was also off 23 percent when compared with the corresponding months of 1958.

The value of permits issued through the month of August this year showed that the Western region was ahead of all others in this measure of building activity, trailed closely by the North Central and Southern areas. The largest percentage gain for the 8-month interval, however, was registered in the Northeast segment. Here the types of buildings contributing most to the increase were office buildings (+105 percent), amusement buildings (+49 percent), religious buildings (+46 percent), institutional buildings, and new dwelling units (+35 percent each).

**PUBLIC CONTRACT AWARDS IN SEPTEMBER**—September contract awards for publicly owned construction declined by about 10 percent from August, making the dollar volume of 815 million the second lowest month thus far in 1959. Public contract awards dropped in each month of the third quarter.

The value of all public contract awards in the first 9 months of 1959 were 17 percent below that



## At a Glance

of the comparable 1958 period. Federal contracts declined by 27 percent and State and local awards dropped 14 percent. The sharpest percentage decline took place in Federal awards for residential buildings, reflecting a falling-off in the Capehart (Military housing) program. Among State and local categories, the falling-off of highway awards by \$500 million was the largest dollar drop. Other notable losses were registered in residential (off 40 percent) and public service enterprises (off 44 percent).

**CONSTRUCTION CONTRACTS**—The total value of construction contract awards in the 12-month period ending October 1959, reported by the F. W. Dodge Corporation, was 6 percent above the comparable period ending in October 1958. This was the smallest gain shown in the series for the last 12 months. Dollarwise, the gain in the cumulative series was \$2 billion, due mainly to a 21 percent increase in the value of residential awards. The engineering awards total has been declining for the last several months, the current 12-month total dipping below \$8 billion for the first time since May 1958. The high mark was achieved in April of this year when the year-end total showed a \$9.7 billion volume of awards.

The value of large engineering contracts for the 12 months ending in October 1959, as reported in the *Engineering News-Record*, was 2 percent above the comparable 1958 period. Essentially, this reflects divergent movements between the private and public sectors of construction. The private sector was 23 percent above the year ago cumulative total, whereas the public category was down by 12 percent. Industrial contracts continued their sharp recovery from the impact of the 1957-58 recession. Awards for the last 12 months were 43 percent above the year ago total.

**CONSTRUCTION COSTS IN SEPTEMBER**—The Department of Commerce Composite Construction Cost Index remained unchanged in September. The index at 142 (1947-49=100) was level throughout the 3rd quarter. Compared to September 1958, the index rose 3 percent.

**CONSTRUCTION MATERIALS PRICES IN OCTOBER**—The wholesale price index of construction materials in October remained relatively unchanged for the September level, but was 2 percent above October 1958. Although most prices were stable between September and October, moderate changes occurred in the metals and metal products group, and to a lesser extent in lumber. Items that were especially affected in the metal category were those using copper such as copper water tubing and building wire. On a year-to-year basis, building wire prices exceeded the October 1958 prices by 25

percent. Other year-to-year changes of some significance were in the lumber and wood products group.

**WAGE SCALES IN THE BUILDING TRADES, THIRD QUARTER 1959**—Average hourly wage scales of union building-trades workers increased less than 1 percent (2 cents) during the third quarter of 1959. This change, however, exceeded those registered in the corresponding quarters of 1958 and 1957. The third quarter of the year normally shows only small upward changes. The wage levels for plasterers showed the largest rise, advancing 7.7 cents and bringing the average for this group to \$3.95 an hour, second only to the scale for bricklayers (\$4.05). The change in average wagescales between October 1, 1958, and October 1, 1959, ranged from 13.5 cents for painters to 18.2 cents for plasterers. The average gain for all trades was 16.1 cents, a 5 percent rise.

**CONSTRUCTION MATERIALS OUTPUT IN AUGUST AND SEPTEMBER**—The composite materials output index for August 1959 declined 4 percent from July, contrary to the usual movement at this time of the year. This was due primarily to the sharp curtailment of steel output because of the work stoppage in that industry.

The September output of lumber and wood products, and of asphalt products rose from August levels while millwork, paint, varnish, and lacquer, and cement declined. On a seasonally adjusted basis, however, only cement declined and the other four reporting product groups rose. Undoubtedly, steel output was also down.

**CONTRACT CONSTRUCTION EMPLOYMENT IN OCTOBER**—Total contract employment at 2.95 million in October dropped 3 percent below the average monthly level in the record third-quarter. On a seasonally adjusted basis, employment was down only 1 percent from September.

**HOURS AND EARNINGS IN SEPTEMBER**—Average weekly hours worked by employees of building contractors in September 1959 declined 3 percent from their high August level, causing a corresponding reduction in average weekly earnings. The greatest decreases in average hours worked per week affected the highest paid workers, namely electrical and plumbing and heating employees.

In the nonbuilding construction segments for this period, highway and street workers were most affected by a 9 percent drop in average weekly hours on the job. This decline from the summer peak is probably seasonal in nature but occurred earlier in 1959 than in 1958. Last year the first seasonal decline of this magnitude occurred between October and November.

## Outlook for New Construction in 1960\*

New construction expenditures are expected to reach a record-breaking total of \$55.3 billion in 1960, an increase of about \$1.3 billion, or 2 percent, over 1959. In 1959, the value of work put in place will probably reach \$54 billion, the first time it has ever exceeded the \$50 billion mark.

In 1960, both private and public construction should maintain about the same relative importance, increasing 3 and 2 percent respectively. Because of rising construction costs, the total dollar outlays will represent about the same physical volume (expenditures adjusted for price changes) of work as in 1959.

With construction at this level, the demand for building materials and equipment should be sustained and the overall impact of construction on employment remain unchanged. Therefore, new construction in 1960 should act as a stabilizing force, but not contribute to the overall economic expansion as it did in 1959.

The anticipated \$1.3 billion rise in construction outlays in 1960 represents the net effect of some key changes in recent trends. Especially significant are the downward movements of residential building (private and public) and highways, and the anticipated increase in private nonresidential building activity. The expected gains and losses for most categories of construction represent sharp reversals of the 1958-1959 movements, or attenuations of strong tendencies currently displayed.

The 1960 estimates reflect the expectation that any losses in construction activity in 1959 due to shortages of steel will be made up during the new year. Assuming no further tie-ups, it is expected that, though some lags in deliveries of this key material may occur early in 1960, the total supply will be adequate for the anticipated levels of construction.

The outlook further assumes that the national economy will move forward with gains approaching those in 1959. In addition, the estimates assume a continuation of the rise in construction costs which occurred during 1959, and an adequate supply of basic materials, equipment, and labor. Despite the possibility that money rates will remain high throughout 1960, it appears that investment funds will be adequate to support the dollar volume foreseen for both private and public construction.

### PRIVATE CONSTRUCTION

The \$37.8 billion total for private outlays in 1959—including more than \$22 billion for housing, a record level—should rise in 1960 by \$1 billion despite an equivalent drop in value put in place for new dwelling units. Thus, private construction, in-

fluenced in the current year mainly by the sharp resurgence of residential building, will not be so aided in 1960. Its major source of strength will be nonresidential building.

Private nonfarm housing starts in 1960 will probably number 1,200,000 units—125,000 under 1959. Multiple dwelling units will probably constitute a larger proportion of this total. Dollar outlays will continue to be influenced by the trend to larger, better-quality homes, and by higher costs. However, the decline in dollars will not be in proportion to the drop in housing starts.

In the early part of 1960, new housing starts may begin at a lower rate than is indicated by the annual total now estimated. This will be due largely to the tight supply of mortgage funds as 1959 closes. However, some of the factors which combined strongly this year to push up interest rates and drain off investment funds may be less in evidence as 1960 progresses. For example, pressures in the money market caused by need for Federal financing should ease and inventory accumulation by industry during the last half of 1960 may be less of a factor. It should also be noted that a tendency toward conventional mortgage financing on easier terms makes possible a somewhat lesser reliance on FHA-VA financing during a period when interest rates are as high as they are now.

Funds will be adequate not only for the expected level of housing starts but also to underwrite residential additions and alterations and nonhousekeeping projects. In the latter category, the impact of accelerated motel building, college dormitory expansion programs, and the building of large hotels calls for an increase of almost \$150 million in 1960 over 1959—a 20 percent gain.

The effect of a big carry-over of construction activity for certain types of structures from one year to the next is especially indicated by the influence of nonresidential buildings expenditures on total private expenditures in 1960. The anticipated rise for all private types, from \$37.8 to \$38.8 billion in the face of a \$650 million drop in housing volume and a \$200 million drop in farm volume, is mainly due to a \$1.6 billion rise in nonresidential building caused in part by carryover of work begun in 1959.

Industrial construction, after reaching a peak of almost \$3.6 billion in 1957, reacted to the economic downturn in 1958 by a sharp drop of almost one-third and should reach a low point in 1959 at slightly below \$2 billion. The 1960 gain of about \$500 million, representing a rise of more than one-quarter over 1959, would return industrial outlays to only \$2,450 million. Present industrial building

\* Prepared by the Construction Industry Division, Business and Defense Services Administration, Department of Commerce.

programs are probably less influenced by the need for greater capacity than by the need for meeting competition with more efficient production facilities designed to achieve lower unit costs. The growing requirements for research and development are also a factor.

Commercial construction in 1960 will likely record even greater gains than in 1959. Office buildings and warehouses will reverse the 1959 downturn because many large office building projects underway in 1959 will contribute heavily to activity in the next 12 months. This category has included a great many large projects in recent years. Office buildings plus stores, restaurants and garages promise to account for the same value of expenditures in both 1959 and 1960.

Strength in these categories arises from the continued trend towards suburbanization throughout the United States, the need for parking facilities in central city areas, and from the high level of disposable personal income which continues to spark new peaks in the volume of retail business. New shopping center construction should continue its strong pace but lag behind the recent high level of residential activity in outlying areas. However, for the first time, stores, restaurants and garages will likely account for outlays of over \$2 billion—double the annual rate of only 7 years ago.

Other types of private building are due to be very strong in 1960. Construction of religious buildings should exceed the billion dollar mark. After being interrupted in 1959 by the economic slowdown of 1958, private school building will continue its regular uptrend of recent years. Federal aid will be an important factor in the stimulation of private hospital construction. Social and recreational building activity in 1960 is expected to rise substantially under the influence of high incomes, and the effect of leisure time on national spending habits.

Farm construction expenditures, which tend to follow closely changes in farm income, are expected to decline substantially, following the 1959 downward movement of agricultural income.

Public utilities construction, stable in 1958 and 1959, will likely register a small increase. Uneven movements, however, characterize the various utility categories. The electric light and power industry has just completed a major program of expansion that has increased its power producing capacity to a point considered generally adequate for today's high-level economy. Gas facilities construction was set off course in 1958 from its long-range growth pattern by legal uncertainties. The problems were resolved by means of a recent court decision, and construction resumed its upward swing in 1959. It should reach a new peak in 1960. New pipelines for the transmission of natural gas will contribute heavily to the accelerated activity. Telephone construction expenditures will rise to

the volume recorded several years ago before expansion programs were slowed.

## PUBLIC CONSTRUCTION

Total public construction in 1960 is estimated at \$16.5 billion, compared with \$16.2 billion in 1959. The small overall gain stems from substantial increases for some categories being offset by decreases in others. The relatively tight money market prevailing and the barrier of legal debt limits will force many states and local communities to somewhat more conservative policies than they followed in recent years. The pressure of unmet public works needs and the existence of Federal aid programs, however, tend to sustain outlays in this area. Direct Federal construction spending for military, atomic energy, conservation and development, and other facilities are not expected to change materially from the current high levels.

Highway construction—the largest sector of public construction, accounting for over one-third of the total—is expected to decrease for the first time in the postwar period. However, the 1960 outlook for \$5.7 billion is only slightly below the alltime high of \$5.8 billion indicated for 1959. The factors which are influencing prospects are the limitations imposed by the pay-as-you-go aspect of current Federal aid highway legislation as well as the necessity for an increasing tempo of expenditures by the various states for right-of-way purposes. In addition, it should be noted that 1959 highway expenditures were stepped up by the \$400 million "anti-recession" fund appropriated in the Federal Aid Highway Act of 1958, which required full expenditure by the end of 1959.

Public housing expenditures are also expected to decline in 1960 from the peak of \$1 billion in 1959. Public housing starts are estimated at 35,000 dwelling units in 1960, compared with 40,000 in 1959. Of significance in 1960 is the reduction in the number of units to be started under the military (Capehart) housing program. Starts under other public housing programs should number 25 or 30 thousand, slightly more than in each of the last 2 years.

The physical volume of public educational construction in 1960 is expected to stay at about the same level as in 1959, cost increases negating the small dollar gain. Although many new bond issues have been authorized for educational construction, an unfavorable money market continues to retard the translation of these authorizations into funds for new schools.

The military construction category will likely be down to some extent in 1960 but will still be strongly influenced by missile programs.

Sewer and water works spending, related to housing construction, will benefit in 1960 because of 1959's favorable housing record. Both "sewer" and "water" will again set new records, the former

category benefitting from the Federal aid program for sewage treatment plant construction.

Another classification which will benefit from Federal aid and should show a small rise in 1960 is hospital construction. Appropriations made 2 years ago under the Hill-Burton Act will elevate spending.

"Public service enterprises" should display the same 25 percent rise in 1960 as in 1959. These gains arise from major State undertakings such as the Wanatum hydro-electric dam in Washington and similar projects in California.

Conservation and development outlays are slated

to exceed the 1959 high of \$1,150 million and reach \$1,225 million in 1960. Most of the increases will result from new projects of the Corps of Engineers. In 1960 considerable work will be done on the Summersville Reservoir in West Virginia, a part of the Ohio River Basin project, extending over a number of years. Peak activity is also continuing on such projects as the Oahe Reservoir on the Missouri River and the Ice Harbor Lock and Dam in Washington State. Work on the connecting channels in the Great Lakes is also a major source of activity.

New Construction Put in Place in the United States (Excluding Alaska and Hawaii)  
1958, 1959, and Outlook for 1960

Type of construction	Value (in millions)			Percent change	
	1958 <sup>1</sup>	1959 <sup>2</sup>	1960 <sup>3</sup>	1958-59	1959-60
<b>TOTAL NEW CONSTRUCTION</b> .....	<b>*\$48,903</b>	<b>\$54,000</b>	<b>\$55,300</b>	<b>+10</b>	<b>+2</b>
<b>PRIVATE CONSTRUCTION</b> .....	<b>*33,491</b>	<b>37,800</b>	<b>38,800</b>	<b>+13</b>	<b>+3</b>
Residential buildings (nonfarm) .....	18,047	22,150	21,500	+23	-3
New dwelling units .....	13,552	17,000	16,000	+25	-6
Additions and alterations .....	3,862	4,400	4,600	+14	+5
Nonhousekeeping .....	633	750	900	+18	+20
Nonresidential buildings .....	8,675	8,600	10,200	-1	+19
Industrial .....	2,382	1,950	2,450	-18	+26
Commercial .....	3,589	3,850	4,450	+7	+16
Office buildings and warehouses ..	2,013	1,925	2,225	-4	+16
Stores, restaurants, and garages...	1,576	1,925	2,225	+22	+16
Other nonresidential buildings .....	2,704	2,800	3,300	+4	+18
Religious .....	863	925	1,050	+7	+14
Educational .....	574	530	600	-8	+13
Hospital and institutional .....	600	570	700	-5	+23
Social and recreational .....	424	540	700	+27	+30
Miscellaneous .....	243	235	250	-3	+6
Farm construction .....	*1,475	1,750	1,550	+19	-11
Public utilities .....	*5,105	5,100	5,350	( <sup>4</sup> )	+5
Railroad .....	276	275	250	( <sup>4</sup> )	-9
Telephone and telegraph .....	904	900	1,100	( <sup>4</sup> )	+22
Electric light and power .....	2,250	2,075	2,050	-8	-1
Gas .....	1,500	1,700	1,825	+13	+7
Other public utilities .....	175	150	125	-14	-17
All other private .....	189	200	200	+6	0
<b>PUBLIC CONSTRUCTION</b> .....	<b>*15,412</b>	<b>16,200</b>	<b>16,500</b>	<b>+5</b>	<b>+2</b>
Residential buildings .....	846	1,000	900	+18	-10
Nonresidential buildings .....	4,653	4,500	4,725	-3	+5
Industrial .....	408	340	375	-17	+10
Educational .....	2,875	2,675	2,750	-7	+3
Hospital and institutional .....	390	425	450	+9	+6
Administrative and service .....	532	590	700	+11	+19
Other nonresidential buildings .....	448	470	450	+5	-4
Military facilities .....	1,402	1,490	1,375	+6	-8
Highways .....	*5,500	5,800	5,700	+5	-2
Sewer and water systems .....	1,387	1,465	1,625	+6	+11
Sewer .....	836	900	1,000	+8	+11
Water .....	551	565	625	+3	+11
Public service enterprises .....	451	560	700	+24	+25
Conservation and development .....	1,019	1,150	1,225	+13	+7
All other public .....	154	235	250	+53	+6

<sup>1</sup> Bureau of the Census statistics.  
less than one-half of 1 percent.

<sup>2</sup> Estimates for last 2 months prepared by BDSA.  
\*Revised. See table A-2, p. 10, for revised monthly data.

<sup>3</sup> Estimates prepared by BDSA.

<sup>4</sup> Change of



# The New Defense Materials System Regulation<sup>1</sup>

The U. S. Department of Commerce moved on December 1, 1959, to direct the flow of materials and products more effectively to the Nation's military, space, and atomic energy production and construction programs.

The Business and Defense Services Administration, the Agency in the Commerce Department which administers the Defense Materials System issued the new Defense Materials System (DMS) Regulation No. 1—the basic Regulation which requires prime contractors and subcontractors of the Department of Defense, the National Aeronautics and Space Administration and Atomic Energy Commission to employ the priority powers of the Defense Production Act on their purchase orders for materials needed to meet delivery schedules on defense work.

The new regulation represents the first general revision since the priority system was established to support defense programs, under peacetime conditions, in 1954. The changes will make operations easier for defense contractors by cutting down on paper work and at the same time will provide greater assurance that their requirements for materials, components and subassemblies are met on schedule. Contractors identify defense orders by placing an appropriate program identification and certification on their purchase orders. Such properly identified defense orders must be given delivery preference over commercial business by the suppliers who receive them.

All contractors and suppliers for production, construction and research and development for defense, atomic energy, and space programs are required to identify all their defense purchase orders with the appropriate program symbols and ratings, under the amended Regulation. Such identification has not been completely mandatory heretofore. The proper identification of defense orders will provide insurance against delivery delays which might hinder space, defense, and atomic energy projects. The single exception to the mandatory identification rule is an optional exemption for individual purchase orders of \$500 or less.

Priorities are assigned to prime contracts only by government defense agencies. The prime contractors to whom the priority identifications are assigned must place them on their subcontracts and purchase orders which they place to complete their contracts. The subcontractors and other suppliers who receive orders with these priority identifications from their customers, must use those priorities on the orders they place for the products and materials they need to fill such orders. No one is permitted to use a priority identification unless he has received a priority from a defense agency or from a customer.

A summary of the major changes and simplifications in the new Regulation in addition to the mandatory use of priority identifications on defense purchase orders, follows:

The new DMS Regulation No. 1 replaces the former DMS Regulations 1 and 2 which covered production and construction respectively.

Producers of steel, copper, aluminum, and nickel alloys, the "controlled materials", are required under the new Regulation to accept properly identified top priority orders for which the use of the symbol "DX" has been authorized, without regard to lead times, unless it is impracticable to do so. Such orders must also be accepted by producers without regard to the set-asides for defense programs.

Under the new Regulation, allotments of controlled materials will be made only by defense agencies to prime contractors in connection with defense, atomic energy, and space programs. No allotments will be made to any subcontractors thus substantially reducing the paper work for a large number of subcontractors who will no longer have to submit applications for allotments nor keep allotment records. All producers of "Class A" products and all producers of "Class B" products will use their customers' or other authorized ratings and symbols to obtain production materials. "Class A" products generally speaking are military end items or specialized components, including construction. "Class B" products generally speaking are civilian type end products or components of general use. The designation of construction as a "Class A" product is an important change eliminating the need for the former DMS Regulation 2 which covered construction exclusively.

Several changes have been made in the listing of controlled materials. Non-nickel-bearing stainless steel has been added to the list of steel controlled materials, and aluminum molten metal, foil and powder, including flake and paste, have been added to the list of aluminum controlled materials. Removed from the list are all steel castings and nickel alloy castings.

Special provisions for defense contract laboratories engaged in research and development have been dropped. Research and development is now defined as a "Class A" product.

A new Schedule has been added to the Regulation listing the authorized program symbols, the programs to which they apply and the defense agencies responsible for those programs. Another new Schedule contains a form (DMS-6) which may be duplicated by contractors needing information from their suppliers regarding requirements of controlled materials for the production of "Class A" products. This information must be furnished by the suppliers on this form, when requested.

Numerous other changes are contained in the new Regulation which are of importance to space, defense, and atomic energy contractors and their suppliers.

<sup>1</sup>The new Regulation, including its three directions, may be obtained from Department of Commerce Field Offices or from Business and Defense Services Administration, Department of Commerce, Washington 25, D. C.



# STATISTICAL SERIES

NOTE: ALL THE STATISTICAL SERIES IN CONSTRUCTION REVIEW ARE SUBJECT TO REVISION FOR THE LATEST PERIOD SHOWN.

## Part A—Construction Put in Place

NOTE: The monthly estimates in Part A, with few exceptions, are not based on direct measurements. They are derived primarily by applying standard progress patterns (which reflect assumed normal seasonal movements) to the value of contracts awarded prior to the current month. Except when special surveys are made, the estimates do not reflect the effects of the varying number of working days in different months, nor of special conditions influencing the volume of activity in any given month, such as unusual weather, materials shortages, overtime, work stoppage, and delays.

Data for the value of new construction put in place during November were not available in time for publication in this issue because the Bureau of the Census was undertaking a special survey to obtain information about any effect steel shortages may have had on construction work. It is expected that these estimates will be available in time for publication in the January issue of CONSTRUCTION REVIEW. The October estimates shown in the following tables ordinarily would have been published in the November issue but were delayed while a similar survey was being conducted.

Table A-1: New Construction Put in Place: Current Month, by Type of Construction

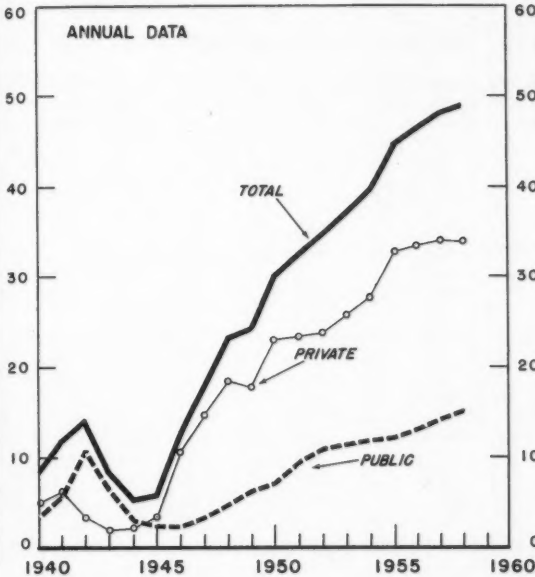
Type of construction	Value (in millions of dollars)						Percent change		
	1959			1958	First 10 months		Oct. 1959 from—		First 10 months 1958-59
	Oct.	Sept.	Aug.	Oct.	1959	1958	Sept. 1959	Oct. 1958	
<b>TOTAL NEW CONSTRUCTION</b> .....	4,830	*5,098	*5,265	*4,735	45,707	40,291	-5	+2	+13
<b>PRIVATE CONSTRUCTION</b> .....	3,409	*3,570	*3,657	*3,135	31,862	27,491	-5	+9	+16
Residential buildings (nonfarm) .....	2,002	*2,101	*2,134	1,788	18,662	14,580	-5	+12	+28
New dwelling units .....	1,563	1,621	1,622	1,362	14,337	10,848	-4	+15	+32
Additions and alterations .....	371	410	441	370	3,695	3,217	-10	( <sup>1</sup> )	+15
Nonhousekeeping .....	68	70	71	56	630	515	-3	+21	+22
Nonresidential buildings .....	766	773	811	743	7,143	7,205	-1	+3	-1
Industrial .....	167	166	175	167	1,619	2,044	+1	0	-21
Commercial .....	348	352	369	322	3,219	2,948	-1	+8	+9
Office buildings and warehouses ..	168	171	178	168	1,624	1,674	-2	0	-3
Stores, restaurants, and garages...	180	181	191	154	1,595	1,274	-1	+17	+25
Other nonresidential buildings .....	251	255	267	254	2,305	2,213	-2	-1	+4
Religious .....	84	86	89	81	771	704	-2	+4	+10
Educational .....	45	44	46	54	438	470	+2	-17	-7
Hospital and institutional .....	48	48	50	49	470	505	0	-2	-7
Social and recreational .....	50	52	55	44	441	343	-4	+14	+29
Miscellaneous .....	24	25	27	26	185	191	-4	-8	-3
Farm construction .....	155	*183	*197	*123	1,493	1,274	-15	+26	+17
Public utilities .....	463	*493	*496	*464	4,399	4,276	-6	( <sup>1</sup> )	+3
Railroad .....	27	*31	*31	22	231	236	-13	+23	-2
Telephone and telegraph .....	73	*88	*78	77	764	763	-17	-5	( <sup>1</sup> )
Other public utilities .....	363	*374	*387	*365	3,404	3,277	-3	-1	+4
All other private .....	23	20	19	17	165	156	+15	+35	+6
<b>PUBLIC CONSTRUCTION</b> .....	1,421	*1,528	*1,608	*1,600	13,845	12,800	-7	-11	+8
Residential buildings .....	62	*67	69	83	837	669	-7	-25	+25
Nonresidential buildings .....	361	*380	*412	429	3,788	3,900	-5	-16	-3
Industrial .....	26	*27	*30	36	290	338	-4	-28	-14
Educational .....	217	*222	239	259	2,259	2,421	-2	-16	-7
Hospital and institutional .....	34	*36	40	37	359	321	-6	-8	+12
Administrative and service .....	45	*51	57	55	489	442	-12	-18	+11
Other nonresidential buildings .....	39	44	*46	42	391	378	-11	-7	+3
Military facilities .....	126	*129	*133	164	1,235	1,118	-2	-23	+10
Highways .....	568	*625	*656	*636	5,144	4,594	-9	-11	+12
Sewer and water systems .....	127	138	142	124	1,218	1,162	-8	+2	+5
Sewer .....	79	86	88	76	754	696	-8	+4	+8
Water .....	48	52	54	48	464	466	-8	0	( <sup>1</sup> )
Public service enterprises .....	54	*63	68	45	474	385	-14	+20	+23
Conservation and development .....	106	*106	*107	102	959	850	0	+4	+13
All other public .....	17	20	21	17	190	122	-15	0	+56

Source: Department of Commerce, Bureau of the Census. \* Revised. <sup>1</sup> Change of less than one-half of 1 percent.

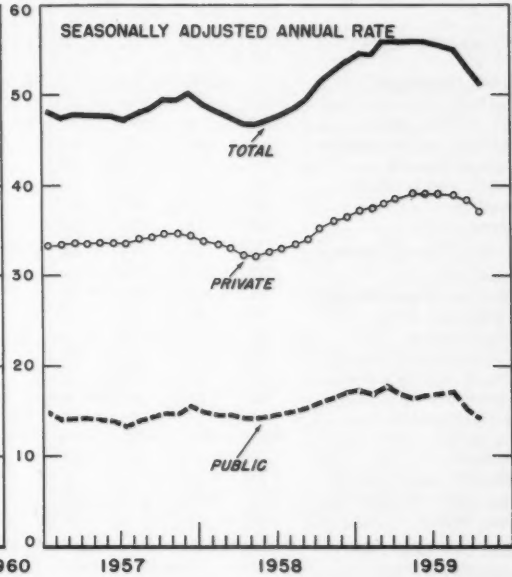
Chart 1.

## New Construction Put in Place

Billions of Dollars



Billions of Dollars



SOURCE: DEPARTMENT OF COMMERCE

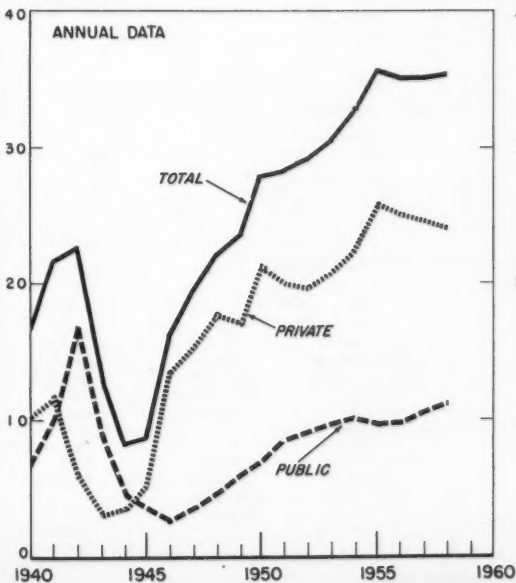
CONSTRUCTION REVIEW C.D. 59-10-A

Chart 2.

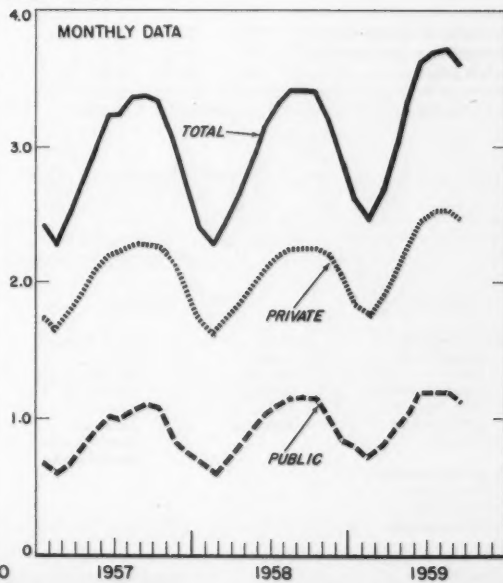
## New Construction Put in Place

(In 1947-49 Prices)

Billions of Dollars



Billions of Dollars



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C.D. 59-10-B

Table A-2: New Construction Put in Place: Recent Monthly Trend, by Type of Construction

Type of construction	1958						1959						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>TOTAL NEW CONSTRUCTION.</b>	<b>*4,513</b>	<b>*4,648</b>	<b>*4,727</b>	<b>*4,735</b>	<b>*4,503</b>	<b>*4,109</b>	<b>*3,712</b>	<b>*3,506</b>	<b>*3,840</b>	<b>*4,284</b>	<b>*4,755</b>	<b>*5,160</b>	<b>*5,258</b>
<b>PRIVATE CONSTRUCTION.....</b>	<b>*3,027</b>	<b>*3,093</b>	<b>*3,123</b>	<b>*3,135</b>	<b>*3,100</b>	<b>*2,900</b>	<b>*2,582</b>	<b>*2,474</b>	<b>*2,714</b>	<b>*2,999</b>	<b>*3,287</b>	<b>*3,523</b>	<b>*3,647</b>
Residential bldgs. (nonfarm)	1,648	1,710	1,746	1,788	1,788	1,679	1,471	1,374	1,562	1,799	1,972	2,096	2,151
New dwelling units .....	1,207	1,276	1,327	1,362	1,375	1,329	1,170	1,080	1,230	1,370	1,473	1,583	1,625
Additions and alterations..	388	382	366	370	354	291	243	238	276	372	438	448	458
Nonhousekeeping .....	53	52	53	56	59	59	58	56	56	57	61	65	68
Nonresidential buildings.....	748	738	736	743	754	716	655	636	625	627	687	762	801
Industrial.....	178	171	167	167	170	168	165	160	154	150	154	161	161
Commercial.....	329	319	318	322	331	310	273	268	270	276	320	364	379
Office bldgs. & whses....	172	172	170	168	171	168	158	154	149	150	159	165	172
Stores, etc.....	157	147	148	154	160	142	115	114	121	126	161	199	207
Other nonresidential bldgs.	241	248	251	254	253	238	217	208	201	201	213	237	255
Religious.....	75	79	80	81	81	78	73	70	67	67	71	79	85
Educational.....	50	53	54	54	53	51	48	45	42	41	41	42	44
Hospital & institutional	51	52	51	49	48	47	46	45	45	45	46	48	49
Social and recreational..	41	42	43	44	42	39	35	34	34	36	41	50	54
Miscellaneous.....	24	22	23	26	29	23	15	14	13	12	14	18	23
Farm construction*	*154	*159	*148	*123	*107	*94	*94	*103	*115	*131	*155	*173	*187
Public utilities .....	*457	*469	*475	*464	*434	*395	*348	*349	*399	*429	*458	*475	*489
Railroad.....	19	25	27	22	21	19	15	15	*20	*21	*22	*23	*26
Telephone and telegraph...	75	70	75	77	72	69	60	64	75	78	81	83	84
Other public utilities*	*363	*374	*373	*365	*341	*307	*273	*270	*304	*330	*355	*369	*379
All other private .....	20	17	18	17	17	16	14	12	13	13	15	17	19
<b>PUBLIC CONSTRUCTION.....</b>	<b>*1,486</b>	<b>*1,555</b>	<b>*1,604</b>	<b>*1,600</b>	<b>*1,403</b>	<b>*1,209</b>	<b>*1,130</b>	<b>1,032</b>	<b>*1,126</b>	<b>1,285</b>	<b>*1,468</b>	<b>*1,637</b>	<b>*1,611</b>
Residential buildings.....	70	71	79	83	86	91	94	97	96	95	92	88	77
Nonresidential buildings .....	423	430	427	429	386	367	359	326	*366	385	*385	408	*406
Industrial.....	36	37	32	36	36	34	29	28	29	30	30	32	*29
Educational.....	262	259	259	259	229	225	223	197	218	229	227	242	245
Hospital and institutional..	35	36	36	37	36	33	30	29	37	38	38	39	38
Administrative & service ..	49	55	58	55	48	42	44	42	47	50	51	52	50
Other nonresidential bldgs.	41	43	42	42	37	33	33	30	*35	38	*39	43	44
Military facilities .....	125	129	155	164	166	118	107	91	100	119	144	159	*127
Highways*	*586	*626	*643	*636	*507	*399	348	319	328	419	549	654	*678
Sewer and water systems.....	128	133	130	124	117	108	105	96	110	116	122	127	135
Sewer .....	77	81	80	76	72	68	66	60	68	71	74	78	84
Water .....	51	52	50	48	45	40	39	36	42	45	48	49	51
Public service enterprises ..	47	52	52	45	36	30	28	25	31	39	49	54	63
Conservation & development..	94	99	101	102	89	80	73	63	78	91	105	126	105
All other public .....	13	15	17	17	16	16	15	17	21	22	22	21	20

Source: Department of Commerce, Bureau of the Census.

\*Revised. Revisions not shown in the table above are:

	1958					
	Jan.	Feb.	Mar.	Apr.	May	June
Farm construction	92	97	105	117	135	144
Other public utilities	259	254	291	313	336	349
Highways	261	238	247	349	459	549

## COMPOSITION OF REGIONS AND GEOGRAPHIC DIVISIONS

NORTHEAST		NORTH CENTRAL		SOUTH		WEST	
1. New England	3. E. N. Central	4. W. N. Central	5. S. Atlantic	6. E. S. Central	8. Mountain		
Connecticut	Illinois	Iowa	Delaware	Alabama	Arizona		
Maine	Indiana	Kansas	Dist. of Col.	Kentucky	Colorado		
Massachusetts	Michigan	Minnesota	Florida	Mississippi	Idaho		
New Hampshire	Ohio	Missouri	Georgia	Tennessee	Montana		
Rhode Island	Wisconsin	Nebraska	Maryland		Nevada		
Vermont		North Dakota	N. Carolina	7. W. S. Central	New Mexico		
		South Dakota	S. Carolina	Arkansas	Utah		
			Virginia	Louisiana	Wyoming		
			W. Virginia	Oklahoma			
				Texas			
2. Middle Atlantic					9. Pacific		
New Jersey					California		
New York					Oregon		
Pennsylvania					Washington		

## NONFARM POPULATION DISTRIBUTION IN 1950

NORTHEAST—29.5 percent.

NORTH CENTRAL—29.0 percent.

SOUTH—27.7 percent.

WEST—13.8 percent.

Table A-3: New Construction Put in Place: Seasonally Adjusted Annual Rate, by Type of Construction

(Value, in millions of dollars)

Type of construction	Seasonally adjusted annual rate											
	1958											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL NEW CONSTRUCTION..</b>	<b>*48,420</b>	<b>*48,012</b>	<b>*47,520</b>	<b>*47,208</b>	<b>*47,040</b>	<b>*47,280</b>	<b>*48,168</b>	<b>*48,300</b>	<b>*49,080</b>	<b>*50,052</b>	<b>*51,936</b>	<b>*53,088</b>
<b>PRIVATE CONSTRUCTION.....</b>	<b>*33,516</b>	<b>*33,132</b>	<b>*32,856</b>	<b>*32,484</b>	<b>*32,340</b>	<b>*32,448</b>	<b>*32,952</b>	<b>*33,120</b>	<b>*33,504</b>	<b>*34,008</b>	<b>*34,884</b>	<b>*35,856</b>
Residential buildings (nonfarm).....	17,196	17,112	16,920	16,764	16,872	17,076	17,640	18,000	18,420	19,080	19,836	20,796
Nonresidential buildings.....	9,276	9,084	8,916	8,796	8,676	8,616	8,616	8,436	8,364	8,328	8,424	8,388
Industrial.....	3,192	3,012	2,820	2,640	2,448	2,268	2,160	2,052	2,004	1,980	2,004	1,992
Commercial.....	3,564	3,528	3,540	3,552	3,576	3,636	3,684	3,600	3,564	3,540	3,576	3,600
Office buildings and ware- houses.....	2,076	2,100	2,136	2,136	2,088	2,052	2,028	1,968	1,932	1,884	1,884	1,908
Stores, restaurants, and garages.....	1,488	1,428	1,404	1,416	1,488	1,584	1,656	1,632	1,632	1,656	1,692	1,692
Other nonresidential buildings..	2,520	2,544	2,556	2,604	2,652	2,712	2,772	2,784	2,796	2,808	2,844	2,796
Farm construction.....	*1,488	*1,500	*1,488	*1,476	*1,464	*1,440	*1,464	*1,476	*1,488	*1,476	*1,488	*1,512
Public utilities.....	*5,376	*5,268	*5,364	*5,280	*5,148	*5,136	*5,028	*5,028	*5,040	*4,920	*4,920	*4,944
All other private.....	180	168	168	168	180	180	204	180	192	204	216	216
<b>PUBLIC CONSTRUCTION.....</b>	<b>*14,904</b>	<b>*14,880</b>	<b>*14,664</b>	<b>*14,724</b>	<b>*14,700</b>	<b>*14,832</b>	<b>*15,216</b>	<b>*15,180</b>	<b>*15,576</b>	<b>*16,044</b>	<b>*17,052</b>	<b>*17,232</b>
Residential buildings.....	720	708	780	768	768	804	876	828	924	924	960	1,056
Nonresidential buildings.....	4,548	4,548	4,572	4,584	4,596	4,596	4,728	4,668	4,644	4,764	4,740	4,800
Military facilities.....	1,248	1,236	1,020	1,200	1,284	1,332	1,344	1,488	1,488	1,608	1,920	1,620
Highways.....	*5,496	*5,496	*5,388	*5,232	*5,100	*5,148	*5,292	*5,400	*5,472	*5,616	*6,276	*6,468
Sewer and water systems.....	1,332	1,356	1,344	1,344	1,368	1,380	1,404	1,392	1,404	1,416	1,440	1,440
Sewer.....	792	804	804	804	828	840	852	840	852	852	864	864
Water.....	540	552	540	540	540	540	552	552	552	564	576	576
Public service enterprises.....	432	396	408	420	444	444	468	480	468	468	468	468
Conservation and development.....	996	1,008	1,020	1,056	1,020	996	960	960	1,008	1,068	1,032	1,116
All other public.....	132	132	132	120	120	132	144	144	168	180	216	264

Type of construction	Seasonally adjusted annual rate										Annual total	
	1959										1957	1958
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.		
<b>TOTAL NEW CONSTRUCTION.....</b>	<b>*54,684</b>	<b>*55,308</b>	<b>*55,908</b>	<b>*56,004</b>	<b>*56,556</b>	<b>*56,460</b>	<b>*56,052</b>	<b>*54,792</b>	<b>*53,088</b>	<b>51,156</b>	<b>47,795</b>	<b>*48,903</b>
<b>PRIVATE CONSTRUCTION.....</b>	<b>*36,780</b>	<b>*37,164</b>	<b>*37,896</b>	<b>*38,916</b>	<b>*39,552</b>	<b>*39,444</b>	<b>*39,612</b>	<b>*39,120</b>	<b>*38,316</b>	<b>36,996</b>	<b>33,778</b>	<b>*33,491</b>
Residential buildings (nonfarm).....	21,516	21,744	22,404	23,424	23,772	23,268	23,088	22,500	22,224	21,360	17,019	18,047
Nonresidential buildings.....	8,292	8,328	8,220	8,256	8,592	8,904	9,168	9,264	8,808	8,568	9,556	8,675
Industrial.....	1,920	1,920	1,872	1,836	1,884	1,956	2,040	2,100	2,016	1,980	3,557	2,382
Commercial.....	3,648	3,696	3,660	3,732	4,008	4,128	4,212	4,164	3,948	3,816	3,564	3,589
Office buildings and ware- houses.....	1,980	2,004	1,968	1,956	1,992	1,980	2,028	2,040	1,956	1,884	1,893	2,013
Stores, restaurants and garages.....	1,668	1,692	1,692	1,776	2,016	2,148	2,184	2,124	1,992	1,932	1,671	1,576
Other nonresidential buildings..	2,724	2,712	2,688	2,688	2,700	2,820	2,916	3,000	2,844	2,772	2,435	2,704
Farm construction.....	*1,524	*1,596	*1,632	*1,656	*1,692	*1,740	*1,776	*1,824	*1,836	1,860	1,590	*1,475
Public utilities.....	*5,232	*5,304	*5,448	*5,412	*5,340	*5,364	*5,388	*5,328	*5,232	4,932	5,414	*5,105
All other private.....	216	192	192	168	156	168	192	204	216	276	199	189
<b>PUBLIC CONSTRUCTION.....</b>	<b>17,904</b>	<b>18,144</b>	<b>*18,012</b>	<b>17,088</b>	<b>*17,004</b>	<b>17,016</b>	<b>16,440</b>	<b>*15,672</b>	<b>*14,772</b>	<b>14,160</b>	<b>14,017</b>	<b>*15,412</b>
Residential buildings.....	1,152	1,236	1,260	1,188	1,128	1,068	960	792	768	684	506	846
Nonresidential buildings.....	4,752	4,764	*4,728	4,656	*4,584	4,572	*4,548	*4,464	*4,140	3,972	4,507	4,653
Military facilities.....	1,524	1,500	1,596	1,716	1,728	1,668	*1,356	*1,356	*1,224	1,224	1,287	1,402
Highways.....	7,200	7,356	7,152	6,204	6,156	6,132	*6,168	*5,700	*5,316	5,016	4,892	*5,500
Sewer and water systems.....	1,428	1,416	1,416	1,404	1,416	1,416	1,488	1,500	1,488	1,416	1,344	1,387
Sewer.....	900	888	888	876	888	900	936	924	912	888	781	836
Water.....	528	528	528	528	528	516	552	576	576	528	563	551
Public service enterprises.....	444	480	456	504	552	588	624	624	588	564	393	451
Conservation and development.....	1,140	1,116	1,176	1,188	1,212	1,344	1,080	*1,032	*1,056	1,104	971	1,019
All other public.....	264	276	228	228	228	228	216	204	192	180	117	154

Source: Department of Commerce, Bureau of the Census. \*Revised.



Table A-4: New Construction Put in Place: Value in 1947-49 Prices, by Type of Construction  
(Millions of dollars)

Type of construction	1958											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL NEW CONSTRUCTION</b> .....	*2,405	*2,245	*2,403	*2,629	*2,896	*3,146	*3,281	*3,378	*3,427	*3,422	*3,240	*2,946
<b>PRIVATE CONSTRUCTION</b> .....	*1,707	*1,613	*1,717	*1,812	*1,949	2,081	2,164	2,206	2,227	2,227	2,202	2,059
Residential buildings (nonfarm) ....	880	818	896	980	1,076	1,174	1,237	1,279	1,306	1,332	1,330	1,247
Nonresidential buildings .....	524	496	486	474	488	510	520	513	509	512	520	494
Industrial .....	192	177	164	153	142	133	126	121	118	117	119	117
Office buildings & warehouses ..	119	115	116	117	118	120	120	120	119	117	119	117
Stores, restaurants, & garages ..	72	68	71	69	83	101	108	101	101	105	109	97
Other nonresidential buildings ..	141	136	135	135	145	156	166	171	171	173	173	163
Farm construction .....	*72	*77	*83	*92	*106	*112	*120	*123	*115	*95	*83	*72
Public utilities .....	*223	*215	*244	*258	*268	*273	*275	*281	*286	*278	*259	*236
All other private .....	8	7	8	8	11	12	12	10	11	10	10	10
<b>PUBLIC CONSTRUCTION</b> .....	*698	*632	*686	*817	*947	*1,065	*1,117	*1,172	*1,200	*1,195	*1,038	*887
Residential buildings .....	45	42	46	47	48	50	53	53	59	62	64	68
Nonresidential buildings .....	242	220	248	262	270	285	293	298	291	292	263	250
Industrial .....	22	21	22	23	26	26	26	26	23	25	25	24
Educational .....	157	141	155	165	166	177	181	179	176	176	156	153
Hospital and institutional .....	18	17	22	22	22	22	24	25	24	25	24	22
Other nonresidential buildings ..	45	41	49	52	56	60	62	68	68	66	58	51
Military facilities .....	64	56	48	62	79	93	92	95	113	120	120	86
Highways .....	*223	*205	*212	*299	*392	*472	*507	*544	*556	*546	*433	*342
Sewer and water systems .....	62	57	66	70	73	76	79	82	79	76	72	65
Public service enterprises .....	16	12	16	19	23	24	27	30	30	26	21	17
Conservation and development .....	41	36	44	51	55	58	58	61	62	63	55	49
All other public .....	5	4	6	7	7	7	8	9	10	10	10	10

Type of construction	1959									Annual total		
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	1956	1957	1958
<b>TOTAL NEW CONSTRUCTION</b> .....	*2,655	*2,502	*2,729	*3,055	*3,391	*3,672	*3,735	*3,725	3,606	34,681	34,944	*35,418
<b>PRIVATE CONSTRUCTION</b> .....	*1,830	*1,748	*1,913	*2,110	*2,301	2,452	*2,532	*2,531	2,472	24,805	24,469	*23,964
Residential buildings (nonfarm) ....	1,089	1,013	1,150	1,319	1,440	1,520	1,556	*1,542	1,518	13,648	12,903	13,555
Nonresidential buildings .....	450	438	427	427	464	514	539	543	519	6,594	6,805	6,046
Industrial .....	115	111	107	104	107	111	115	121	114	2,306	2,506	1,679
Office buildings & warehouses ..	109	106	103	103	109	112	116	120	116	1,294	1,389	1,417
Stores, restaurants, & garages ..	78	78	82	85	107	133	138	126	120	1,441	1,186	1,085
Other nonresidential buildings ..	148	143	135	135	141	158	170	176	169	1,553	1,724	1,865
Farm construction .....	*72	*79	*88	*100	*117	*130	*141	*148	137	1,252	1,249	*1,150
Public utilities .....	*210	*211	*240	*256	*271	*278	*285	*287	286	3,230	3,384	*3,096
All other private .....	9	7	8	8	9	10	11	11	12	81	128	117
<b>PUBLIC CONSTRUCTION</b> .....	825	754	816	945	*1,090	*1,220	*1,203	*1,194	1,134	9,876	10,475	*11,454
Residential buildings .....	70	72	71	70	67	64	56	50	48	225	383	637
Nonresidential buildings .....	244	222	248	262	*257	273	*270	*273	253	3,017	3,193	3,214
Industrial .....	20	19	20	21	21	22	*20	*21	19	339	333	289
Educational .....	152	134	147	155	151	161	163	158	147	1,891	2,003	1,982
Hospital and institutional .....	20	20	25	26	25	26	25	26	24	220	250	267
Other nonresidential buildings ..	52	49	56	60	*60	64	62	68	63	567	607	676
Military facilities .....	78	66	72	86	104	114	*91	96	93	1,059	955	1,028
Highways .....	298	274	284	367	485	*577	*598	*578	551	3,851	4,146	*4,731
Sewer and water systems .....	64	59	66	70	73	75	79	84	80	859	865	857
Public service enterprises .....	16	14	18	22	28	30	35	38	35	240	232	261
Conservation and development .....	45	38	47	55	63	75	62	*63	62	556	625	633
All other public .....	10	9	10	13	13	12	12	12	12	69	76	93

Source: Department of Commerce, Bureau of the Census. \*Revised.



Table A-5: New Public Construction Put in Place, by Source of Funds, Ownership, and Type of Construction

Source of funds, ownership, and type of construction	Value (in millions of dollars)												Year
	1958												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
<b>TOTAL PUBLIC CONSTRUCTION</b> .....	*951	*861	*938	*1,109	*1,274	*1,422	*1,486	*1,555	*1,604	*1,600	*1,403	*1,299	*15,412
Federal funds.....	292	276	291	362	443	511	537	582	630	635	613	491	5,663
Direct Federal.....	212	193	199	235	274	303	305	320	349	368	360	300	3,419
Federal grants-in-aid <sup>1</sup> .....	80	83	92	127	169	208	231	262	281	267	253	191	2,244
State and local funds.....	*659	*585	*647	*747	*831	*911	*949	*973	*974	*965	*790	*718	*9,749
<b>FEDERALLY OWNED</b> .....	212	193	199	235	274	303	306	320	349	368	360	300	3,419
Residential buildings.....	23	22	23	23	24	26	28	30	34	37	41	46	357
Nonresidential buildings.....	40	39	44	47	51	52	54	57	53	59	58	53	607
Industrial.....	31	30	31	33	36	36	36	37	32	36	36	34	408
Educational.....	0	0	1	1	1	1	1	2	1	1	1	1	11
Hospital.....	3	2	3	3	2	2	3	3	3	4	4	3	35
Administrative and service....	5	6	7	7	9	10	11	12	14	14	14	13	122
Other nonresidential.....	1	1	2	3	3	3	3	3	3	4	3	2	31
Military facilities.....	87	76	65	84	107	126	125	129	155	164	166	118	1,402
Highways.....	7	6	6	9	12	15	15	16	17	17	14	11	145
Conservation and development....	54	49	59	70	78	82	82	86	88	89	78	70	885
All other federally owned.....	1	1	2	2	2	2	2	2	2	2	3	2	23
<b>STATE AND LOCALLY OWNED</b> .....	*739	*668	*739	*874	*1,000	*1,119	*1,180	*1,235	*1,255	*1,232	*1,043	*909	*11,993
OWNED.....													
Residential buildings.....	36	34	37	39	39	40	42	41	45	46	45	45	489
Nonresidential buildings.....	306	276	310	331	336	359	369	373	374	370	328	314	4,046
Educational.....	225	201	221	237	238	256	261	257	258	258	228	224	2,864
Hospital.....	23	23	28	29	29	30	32	33	33	33	32	30	355
Administrative and service....	26	24	29	32	34	36	38	43	44	41	34	29	410
Other nonresidential.....	32	28	32	33	35	37	38	40	39	38	34	31	417
Highways.....	*254	*232	*241	*340	*447	*534	*571	*610	*626	*619	*493	*388	*5,355
Sewer and water systems.....	99	91	105	111	118	123	128	133	130	124	117	108	1,387
Sewer.....	59	54	62	65	69	73	77	81	80	76	72	68	836
Water.....	40	37	43	46	49	50	51	52	50	48	45	40	551
All other State and locally owned..	44	35	46	53	60	63	70	78	80	73	60	54	716

Source of funds, ownership, and type of construction	Value (in millions of dollars)								Percent change		
	1959						First 10 months		Oct. 1959 from—		First 10 months 1958-59
	May	June	July	Aug.	Sept.	Oct.	1959	1958	Sept. 1959	Oct. 1958	
<b>TOTAL PUBLIC CONSTRUCTION</b> .....	*1,468	1,637	*1,611	*1,608	*1,528	1,421	13,846	12,800	-7	-11	+8
Federal funds.....	604	682	*636	*640	*617	575	5,525	4,559	-7	-9	+21
Direct Federal.....	356	395	*333	*342	*328	317	3,193	2,759	-3	-14	+16
Federal grants-in-aid <sup>1</sup> .....	248	287	*303	*298	*289	258	2,332	1,800	-11	-3	+30
State and local funds.....	*864	955	*975	*968	*911	846	8,321	8,241	-7	-12	+1
<b>FEDERALLY OWNED</b> .....	356	395	*333	*342	*328	317	3,193	2,759	-3	-14	+16
Residential buildings.....	51	47	40	35	*31	28	436	270	-10	-24	+61
Nonresidential buildings.....	51	55	*51	*56	50	47	509	496	-6	-20	+3
Industrial.....	30	32	*29	*30	*27	26	290	338	-4	-28	-14
Educational.....	1	1	1	1	1	1	12	9	0	0	+33
Hospital.....	5	5	5	6	*5	5	46	28	0	+25	+64
Administrative and service.....	12	12	11	14	12	11	125	95	-8	-21	+32
Other nonresidential.....	3	5	5	5	5	4	36	26	-20	0	+38
Military facilities.....	144	159	*127	*133	*129	126	1,235	1,118	-2	-23	+10
Highways.....	14	17	19	19	19	18	138	120	-5	+6	+15
Conservation and development.....	92	113	91	*98	*93	93	835	737	0	+4	+13
All other federally owned.....	4	4	5	6	6	5	40	18	-17	+150	+122
<b>STATE AND LOCALLY OWNED</b> .....	*1,112	1,242	*1,278	*1,266	*1,200	1,104	10,653	10,041	-8	-10	+6
Residential buildings.....	41	41	37	34	*36	34	401	399	-6	-26	+1
Nonresidential buildings.....	334	353	355	*356	*330	314	3,279	3,404	-5	-15	-4
Educational.....	226	241	244	238	*221	216	2,247	2,412	-2	-16	-7
Hospital.....	33	34	33	34	31	29	313	293	-6	-12	+7
Administrative and service.....	39	40	39	43	*39	34	364	347	-13	-17	+5
Other nonresidential.....	*36	38	39	*41	39	35	355	352	-10	-8	+1
Highways.....	535	637	*659	*637	*606	550	5,006	4,474	-9	-11	+12
Sewer and water systems.....	122	127	135	142	138	127	1,218	1,162	-8	+2	+5
Sewer.....	74	78	84	88	86	79	754	696	-8	+4	+8
Water.....	48	49	51	54	52	48	464	466	-8	0	(2)
All other State and locally owned.....	80	84	92	97	*90	79	749	602	-12	+8	+24

Source: Department of Commerce, Bureau of the Census. \*Revised. All revised data for 1958 and 1959 are shown in the tables above except the March 1959 value for state and locally owned other nonresidential buildings which was revised from \$34 million to \$33 million. <sup>1</sup>Construction programs currently receiving Federal grants-in-aid cover highways, schools, hospitals, airports, and miscellaneous community facilities. <sup>2</sup>Change of less than one-half of 1 percent.

## Part B—Housing

Table B-1: New Nonfarm Dwelling Units Started, by Ownership, Location, and Type of Structure

Period	Total	Ownership		Location <sup>1</sup>		Type of structure			
		Private	Public	Metropolitan	Nonmetropolitan	1-family houses	Units in 2-or-more family structures		
							All	2-4 family	5-or-more family
NUMBER OF NEW DWELLING UNITS (in thousands)									
Year: 1951.....	1,091.3	1,020.1	71.2	776.8	314.5	900.1	191.2	( <sup>2</sup> )	( <sup>2</sup> )
1952.....	1,127.0	1,068.5	58.5	794.9	332.1	942.5	184.5	( <sup>2</sup> )	( <sup>2</sup> )
1953.....	1,103.8	1,068.3	35.5	803.5	300.3	937.8	166.0	( <sup>2</sup> )	( <sup>2</sup> )
1954.....	1,220.4	1,201.7	18.7	896.9	323.5	1,077.9	142.5	51.9	90.6
1955.....	1,328.9	1,309.5	19.4	975.8	353.1	1,194.4	134.5	49.2	85.3
1956.....	1,118.1	1,093.9	24.2	779.8	338.3	989.7	128.4	46.4	82.0
1957.....	1,041.9	992.8	49.1	699.7	342.2	872.7	169.2	51.8	117.4
1958.....	1,209.4	1,141.5	67.9	827.0	382.4	975.1	234.3	62.9	171.4
First 10 months, 1958..	1,008.8	945.0	63.8	689.3	319.5	819.5	189.3	51.5	137.8
First 10 months, 1959..	1,202.0	1,169.1	32.9	821.4	380.6	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1958: October.....	115.0	112.9	2.1	79.1	35.9	95.0	20.0	5.7	14.3
November.....	109.4	107.0	2.4	73.9	35.5	85.1	24.3	6.1	18.2
December.....	91.2	89.5	1.7	63.8	27.4	70.5	20.7	5.3	15.4
1959: January.....	87.0	84.1	2.9	61.9	25.1	64.1	22.9	5.4	17.5
February.....	94.5	93.5	1.0	61.6	32.9	74.9	19.6	5.1	14.5
March.....	121.0	118.1	2.9	81.2	39.8	95.1	25.9	7.7	18.2
April.....	142.2	137.4	4.8	97.0	45.2	110.1	32.1	7.9	24.2
May.....	137.0	133.5	3.5	94.1	42.9	109.3	27.7	7.4	20.3
June.....	136.7	131.1	5.6	93.1	43.6	109.5	27.2	8.0	19.2
July.....	128.8	127.2	1.6	88.3	40.5	106.5	22.3	6.2	16.1
August.....	129.3	125.1	4.2	86.0	43.3	107.2	22.1	6.3	15.8
September.....	120.4	117.0	3.4	83.6	36.8	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
October.....	105.1	102.1	3.0	74.6	30.5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Percent change									
First 10 months, 1958-59	+ 19.2	+ 23.7	- 51.6	+ 19.2	+ 19.1	.....	.....	.....	.....
Sept.-Oct., 1959.....	- 12.7	- 12.7	- 11.8	- 10.8	- 17.1	.....	.....	.....	.....
October 1958-59.....	- 8.6	- 9.6	+ 42.9	- 5.7	- 15.1	.....	.....	.....	.....
PERCENT DISTRIBUTION									
Year: 1951.....	100	93.5	6.5	71.2	28.8	82.5	17.5	.....	.....
1952.....	100	94.8	5.2	70.5	29.5	83.6	16.4	.....	.....
1953.....	100	96.8	3.2	72.8	27.2	85.0	15.0	.....	.....
1954.....	100	98.5	1.5	73.5	26.5	88.3	11.7	4.3	7.4
1955.....	100	98.5	1.5	73.4	26.6	89.9	10.1	3.7	6.4
1956.....	100	97.8	2.2	69.7	30.3	88.5	11.5	4.2	7.3
1957.....	100	95.3	4.7	67.2	32.8	83.8	16.2	5.0	11.2
1958.....	100	94.4	5.6	68.4	31.6	80.6	19.4	5.2	14.2
First 10 months, 1958..	100	93.7	6.3	68.3	31.7	81.2	18.8	5.1	13.7
First 10 months, 1959..	100	97.3	2.7	68.3	31.7	.....	.....	.....	.....
1958: October.....	100	98.2	1.8	68.8	31.2	82.6	17.4	5.0	12.4
November.....	100	97.8	2.2	67.6	32.4	77.8	22.2	5.6	16.6
December.....	100	98.1	1.9	70.0	30.0	77.3	22.7	5.8	16.9
1959: January.....	100	96.7	3.3	71.1	28.9	73.7	26.3	6.2	20.1
February.....	100	98.9	1.1	65.2	34.8	79.3	20.7	5.4	15.3
March.....	100	97.6	2.4	67.1	32.9	78.6	21.4	6.4	15.0
April.....	100	96.6	3.4	68.2	31.8	77.4	22.6	5.6	17.0
May.....	100	97.4	2.6	68.7	31.3	79.8	20.2	5.4	14.8
June.....	100	95.9	4.1	68.1	31.9	80.1	20.0	5.9	14.1
July.....	100	98.8	1.2	68.6	31.4	82.7	17.3	4.8	12.5
August.....	100	96.8	3.2	66.5	33.5	82.9	17.1	4.9	12.2
September.....	100	97.2	2.8	69.4	30.6	.....	.....	.....	.....
October.....	100	97.1	2.9	71.0	29.0	.....	.....	.....	.....

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Annual data for metropolitan-nonmetropolitan areas are not available before 1950; monthly data not available before January 1953. Data by urban and rural-nonfarm classification for 1920-53 are available upon request. <sup>2</sup> Not available prior to January 1954. Tabulations showing the number of units in 2-family and 3-or-more family structures for 1920-1953 are available upon request. <sup>3</sup> Not yet available.

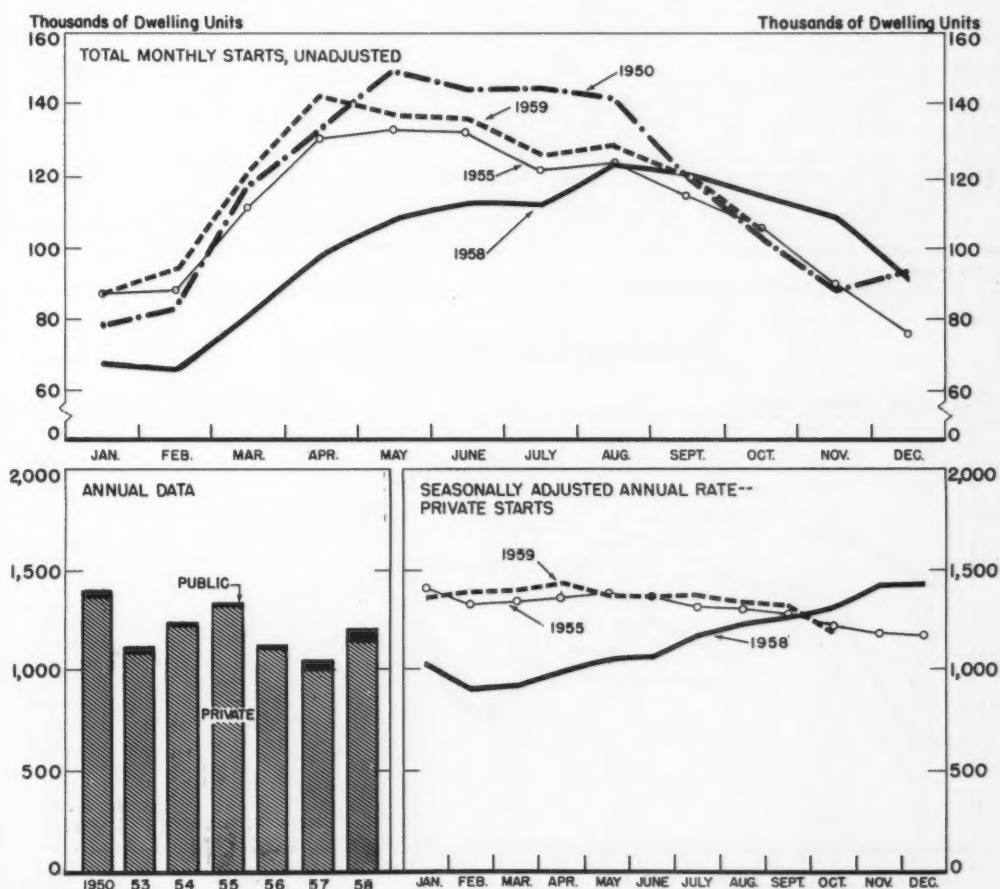
Table B-2: New Private Nonfarm Dwelling Units Started: Seasonally Adjusted Annual Rate

Year	Number of new dwelling units (in thousands)											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1948.....	928	813	950	1,027	997	993	975	897	863	802	806	813
1949.....	800	779	803	892	911	935	964	1,028	1,092	1,149	1,244	1,266
1950.....	1,310	1,300	1,405	1,382	1,457	1,482	1,468	1,486	1,271	1,142	1,107	1,292
1951.....	1,360	1,171	1,071	975	984	941	918	961	1,054	1,012	970	973
1952.....	1,001	1,112	1,072	1,028	1,029	1,016	1,080	1,066	1,101	1,131	1,104	1,097
1953.....	1,104	1,092	1,128	1,134	1,083	1,071	1,036	1,007	1,029	1,034	1,068	1,059
1954.....	1,051	1,100	1,103	1,116	1,102	1,180	1,220	1,226	1,273	1,275	1,376	1,443
1955.....	1,410	1,324	1,349	1,363	1,381	1,372	1,316	1,311	1,285	1,214	1,176	1,174
1956.....	1,195	1,127	1,094	1,157	1,146	1,091	1,070	1,136	1,008	1,052	1,027	1,020
1957.....	962	935	933	962	994	995	1,015	1,056	1,012	1,020	1,009	1,000
1958.....	1,020	915	918	983	1,039	1,057	1,174	1,228	1,255	1,303	1,427	1,432
1959.....	1,364	1,403	1,403	1,434	1,370	1,368	1,375	1,340	1,325	1,180		

Source: Department of Commerce, Bureau of the Census.

Chart 3.

## Housing Starts (Unadjusted and Seasonally Adjusted)



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C.Q.-59-10-C.

Table B-3: New Private 1-Family Houses Started: Average Construction Cost

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
AVERAGE CONSTRUCTION COST													
1948.....	\$ 7,250	\$ 7,450	\$ 7,550	\$ 7,775	\$ 7,950	\$ 8,050	\$ 8,050	\$ 8,100	\$ 7,900	\$ 7,825	\$ 7,900	\$ 7,900	\$ 7,850
1949.....	7,650	7,525	7,450	7,500	7,650	7,675	7,525	7,650	7,725	7,675	7,675	7,625	7,625
1950.....	7,625	7,850	8,225	8,450	8,450	8,750	8,875	9,125	8,900	9,200	9,075	9,200	8,675
1951.....	9,100	9,250	9,175	9,325	9,475	9,475	9,400	9,300	9,450	9,225	9,250	9,125	9,300
1952.....	9,050	9,275	9,350	9,550	9,575	9,675	9,500	9,425	9,600	9,525	9,550	9,525	9,475
1953.....	9,400	9,600	9,800	10,000	9,900	10,000	10,125	10,175	10,200	10,175	9,975	10,000	9,950
1954.....	9,750	9,800	10,075	10,600	10,850	10,750	10,850	10,750	10,675	10,800	10,850	11,075	10,625
1955.....	10,575	11,125	11,250	11,250	11,400	11,400	11,475	11,425	11,525	11,575	11,575	11,625	11,350
1956.....	11,325	11,750	12,150	12,275	12,300	12,300	12,375	12,275	12,325	12,425	12,675	12,350	12,225
1957.....	12,600	12,800	12,950	13,025	13,250	13,150	13,050	12,925	13,075	13,375	13,000	12,925	13,025
1958.....	12,775	12,875	13,000	13,100	13,150	13,025	13,025	12,550	12,925	13,125	12,925	12,800	12,950
1959.....	12,450	12,300	13,250	13,650	13,750	13,725	13,550	13,600					
Percent change, 1958 to 1959													
	- 2.5	- 4.5	+ 1.9	+ 4.2	+ 4.6	+ 5.3	+ 4.0	+ 8.4					

Source: Department of Commerce, Bureau of the Census.

Table B-4: New Nonfarm Dwelling Units Started, by Region<sup>1</sup>

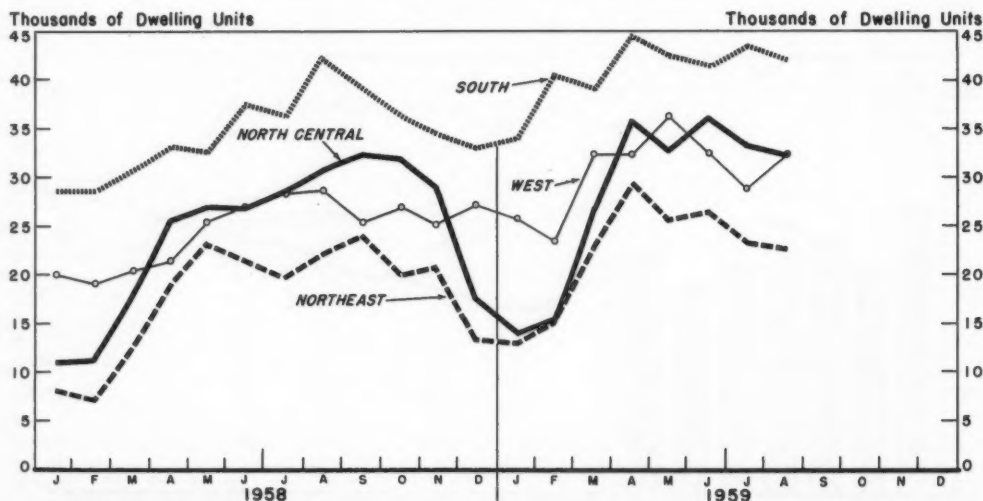
Region	Number of new dwelling units (in thousands)											Percent change, first 8 mos. 1958-59
	1958	1959								First 8 months		
	Aug.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	1958	1959	
TOTAL .....	124.0	87.0	94.5	121.0	142.2	137.0	136.7	128.8	129.3	772.8	976.5	+ 26.4
Northeast.....	22.2	13.0	15.1	22.9	29.3	25.5	26.5	23.2	22.7	132.9	178.2	+ 34.1
North Central..	30.7	14.1	15.4	26.7	36.0	32.7	36.3	33.3	32.2	179.0	226.7	+ 26.6
South.....	42.4	34.1	40.6	39.1	44.6	42.3	41.4	43.4	42.0	270.0	327.5	+ 21.3
West.....	28.7	25.8	23.4	32.3	32.3	36.5	32.5	28.9	32.4	190.9	244.1	+ 27.9

Source: Department of Commerce, Bureau of the Census.

<sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2.

Chart 4.

## Housing Starts, By Region



(NOTICE: The Bureau of the Census has announced that the series, "New Nonfarm Dwelling Units Started in Selected States" scheduled for publication in CONSTRUCTION REVIEW in February, May, August, and November, has been discontinued. Problems associated with its resumption are not expected to be resolved until early in 1960. These data were previously shown in Table B-5.)



Table B-6: New Private Dwelling Units: Volume in Successive Stages of FHA and VA Programs

Period	Number (in thousands) of new dwelling units in--								Percent of total private starts under inspection of--	
	FHA applications		VA appraisal requests	Starts under inspection of--		FHA mortgages insured		VA loans closed		
	Total	Excluding Capehart <sup>1</sup>		FHA	VA	Total	Excluding Capehart <sup>1</sup>		FHA	VA
Year: 1954.....	383.3	383.3	535.4	276.3	307.0	150.1	150.1	243.1	23	26
1955.....	314.9	313.5	620.8	276.7	392.9	139.8	139.8	387.6	21	30
1956.....	227.6	219.4	401.5	189.3	270.7	116.2	110.9	313.5	17	25
1957.....	266.1	229.7	159.4	168.4	128.3	118.0	92.6	218.8	17	13
1958.....	434.1	395.9	234.2	295.4	102.1	198.7	157.0	94.0	26	9
1958: October.....	38.7	37.9	19.1	34.7	14.7	17.8	16.1	10.1	31	13
November.....	26.0	26.0	15.3	25.8	11.0	15.8	15.5	9.8	24	10
December.....	26.2	25.9	14.8	25.0	9.0	17.1	16.7	12.7	28	10
1959: January.....	29.5	28.8	17.9	19.8	6.9	19.8	19.1	14.1	24	8
February.....	35.8	34.6	21.0	20.0	6.2	18.1	18.1	12.6	21	7
March.....	45.2	43.6	23.2	30.0	9.7	19.1	18.7	14.5	25	8
April.....	46.9	45.4	18.9	33.5	11.0	20.9	19.7	12.8	24	8
May.....	44.8	41.4	20.7	34.3	10.3	20.7	18.6	11.6	26	8
June.....	72.0	63.0	27.2	34.7	11.0	21.3	20.5	11.7	26	8
July.....	32.3	31.6	26.1	31.4	10.6	21.4	19.2	11.9	25	9
August.....	27.8	27.8	21.2	31.1	9.9	21.0	17.5	10.6	25	8
September.....	30.5	29.3	17.9	29.6	10.0	21.2	19.4	11.0	25	9
October.....	27.3	27.3	14.7	26.0	9.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	25	9
First 10 months:										
1958.....	381.9	344.1	204.1	244.7	82.0	165.9	124.8	71.5	26	9
1959.....	392.3	372.4	210.7	290.5	95.0	.....	.....	.....	25	8
Percent change, 1958 to 1959..	+2.7	+8.2	+3.2	+18.7	+15.9	.....	.....	.....	.....	.....

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Housing and Home Finance Agency (FHA) and the Veterans Administration. <sup>1</sup> Excludes units under the armed services (Capehart) housing program, which are classified as public and whose inspection while under construction is under the auspices of the Department of Defense. <sup>2</sup> Not available.

Table B-7: Nonfarm Mortgage Recordings of \$20,000 or Less: Number and Average Amount, and Total Amount by Type of Lender

Period	Total number (in thousands)	Average amount (dollars)	Total amount (in millions of dollars) recorded by--						
			All lenders	Savings and loan associations	Insurance companies	Commercial banks	Mutual savings banks	Individuals	All other lenders
Year: 1954.....	3,458	6,644	22,974	8,312	1,768	4,239	1,501	2,882	4,272
1955.....	3,913	7,279	28,484	10,452	1,932	5,617	1,858	3,362	5,265
1956.....	3,602	7,521	27,088	9,532	1,799	5,458	1,824	3,558	4,917
1957.....	3,246	7,469	24,244	9,217	1,472	4,264	1,430	3,554	4,307
1958.....	3,441	7,959	27,388	10,516	1,460	5,204	1,640	3,435	5,133
First 9 mos., 1958...	2,497	7,797	19,470	7,515	1,039	3,664	1,146	2,539	3,567
First 9 mos., 1959...	2,871	8,535	24,506	10,026	1,101	4,550	1,309	2,956	4,564
1958: September.....	318	8,156	2,596	1,022	136	493	170	296	479
October.....	342	8,341	2,857	1,087	150	558	175	324	563
November.....	292	8,333	2,432	932	128	474	154	273	471
December.....	309	8,494	2,629	983	143	508	165	299	531
1959: January.....	278	8,474	2,352	870	121	454	123	300	484
February.....	270	8,321	2,245	865	106	427	113	284	450
March.....	307	8,418	2,586	1,059	116	492	112	318	489
April.....	326	8,513	2,776	1,148	115	553	125	333	502
May.....	326	8,488	2,768	1,151	112	534	140	339	492
June.....	342	8,687	2,974	1,261	120	543	168	338	544
July.....	357	8,673	3,100	1,286	138	562	187	367	560
August.....	334	8,584	2,871	1,203	137	505	167	336	522
September.....	330	8,578	2,834	1,184	136	481	172	340	521
Percent change									
First 9 mos., 1958-59..	+15	+9	+26	+33	+6	+24	+14	+16	+28

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Federal Home Loan Bank Board.

(NOTE: Tables B-8 and B-9, Housing Vacancy Rates, are shown quarterly in the February, May, August, and November issues.)



## Part C—Building Permits

Table C-1: Building Permit Activity: Current Summary, by Type of Building Construction

Type of building construction	Valuation (in millions of dollars)						Percent change	
	1959			1958	First 9 months		Sept. 1958-59	First 9 months, 1958-59
	Sept.	Aug.	July	Sept.	1959	1958		
All building construction <sup>1</sup> .....	1,946.3	1,920.8	2,169.1	1,860.0	17,764.0	15,346.7	+ 5	+16
Private .....	1,707.1	1,760.6	1,963.4	1,597.2	15,867.8	13,072.3	+ 7	+21
Public .....	239.1	160.2	205.6	262.7	1,896.2	2,274.4	- 9	-17
New dwelling units <sup>2</sup> .....	1,095.4	1,101.9	1,160.8	1,104.7	9,953.1	8,051.7	- 1	+24
Number of new dwelling units .....	(95,806)	(97,441)	(102,869)	(100,958)	(896,743)	(749,376)	(- 5)	(+20)
New nonresidential building .....	654.6	620.2	751.8	574.9	5,904.5	5,651.7	+14	+ 4
Commercial buildings .....	218.5	185.5	250.3	172.7	2,098.9	1,913.6	+27	+10
Stores and other mercantile buildings ..	91.9	91.3	115.1	79.4	901.9	775.0	+16	+16
All other commercial buildings .....	126.6	94.2	135.2	93.3	1,197.0	1,138.6	+36	+ 5
Community buildings .....	221.0	235.6	272.3	248.5	2,066.6	2,089.2	-11	- 1
Industrial buildings .....	90.4	106.9	105.2	68.3	774.1	700.2	+32	+11
All other nonresidential buildings .....	124.8	92.3	124.0	85.4	964.9	948.7	+46	+ 2
Additions and alterations .....	177.8	176.8	220.7	167.1	1,689.6	1,488.3	+ 6	+14

Source: Department of Commerce, Bureau of the Census.

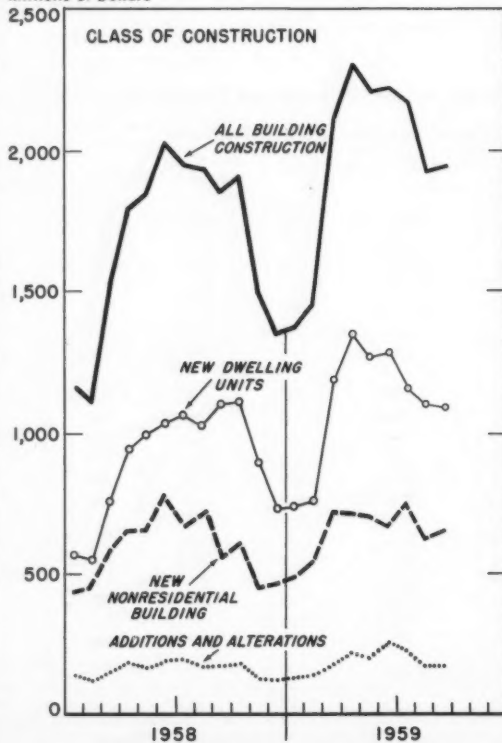
<sup>1</sup> Includes new nonhousekeeping residential building, not shown separately.

<sup>2</sup> Housekeeping only.

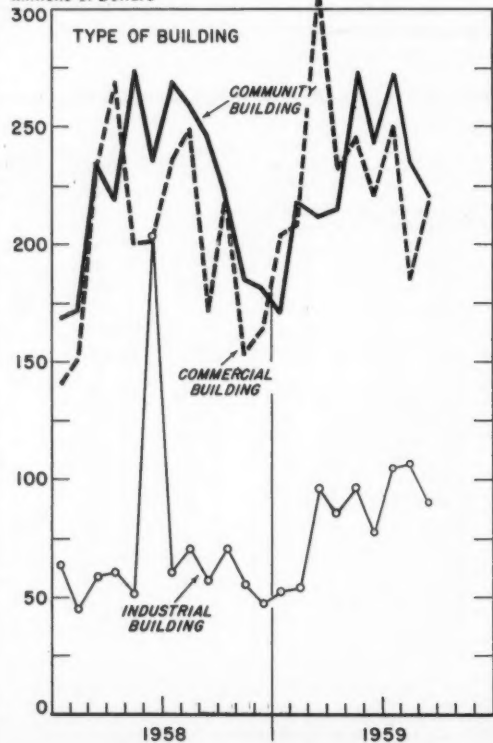
Chart 5.

### Building Permit Activity

Millions of Dollars



Millions of Dollars



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C. D. 59-10-E

Table C-2: Building Permit Activity: Total Valuation, by Type of Building Construction and Region<sup>1</sup>

Type of building construction	Valuation (in millions of dollars)						Percent change, 1st 8 months 1958-59
	1958	1959				First 8 months	
	Aug.	June	July	Aug.	1958	1959	
UNITED STATES							
All building construction <sup>2</sup> .....	1,944.7	2,222.5	2,169.1	1,920.8	13,486.7	15,817.6	+17
New dwelling units <sup>3</sup> .....	1,036.4	1,280.3	1,160.8	1,101.9	6,947.0	8,857.8	+26
New nonresidential building .....	721.3	668.4	751.8	620.2	5,076.8	5,249.9	+3
Commercial buildings .....	249.9	221.7	250.3	185.5	1,740.9	1,880.3	+8
Amusement buildings .....	16.1	22.2	17.3	17.0	142.3	165.5	+16
Commercial garages .....	5.6	2.1	5.4	2.4	44.6	33.8	-24
Gasoline and service stations.....	10.4	13.0	11.9	11.7	85.6	87.1	+2
Office buildings.....	118.0	67.0	100.7	63.1	772.8	784.0	+1
Stores and other mercantile bldgs. ....	99.8	117.4	115.1	91.3	695.5	809.9	+16
Community buildings.....	261.8	243.7	272.3	235.6	1,840.6	1,845.7	( <sup>4</sup> )
Educational buildings.....	171.7	150.3	128.8	139.6	1,112.9	1,057.3	-6
Institutional buildings .....	49.9	38.5	89.0	51.3	408.2	430.8	+6
Religious buildings.....	40.1	55.0	54.6	44.7	319.5	357.6	+12
Garages, private residential .....	19.4	23.4	22.4	22.5	116.3	137.6	+18
Industrial buildings.....	70.8	78.1	105.2	106.9	632.0	683.8	+8
Public utilities buildings .....	64.0	36.3	42.8	26.3	308.0	225.6	-27
All other nonresidential buildings .....	55.4	65.1	58.8	43.5	439.0	477.0	+9
Additions, and alterations.....	169.6	250.9	220.7	176.8	1,321.2	1,511.8	+14
Northeast							
All building construction <sup>2</sup> .....	398.3	469.9	441.8	370.6	2,580.6	3,354.7	+30
New dwelling units <sup>3</sup> .....	195.4	273.0	223.7	200.7	1,282.0	1,731.7	+35
New nonresidential building .....	157.3	136.4	171.4	129.2	1,006.5	1,254.3	+25
Commercial buildings .....	82.2	48.8	47.8	35.5	330.8	521.9	+58
Amusement buildings.....	1.6	6.9	3.2	5.6	29.6	44.0	+49
Commercial garages .....	4.0	.3	3.9	.8	23.9	14.3	-40
Gasoline and service stations.....	1.7	2.3	1.9	1.8	14.2	14.4	+1
Office buildings.....	59.0	15.0	14.6	8.6	147.0	301.5	+105
Stores and other mercantile bldgs. ....	15.9	24.2	24.3	18.6	116.2	147.6	+27
Community buildings.....	41.5	54.5	80.7	57.0	376.6	478.4	+27
Educational buildings.....	28.3	33.5	42.6	28.6	234.2	289.4	+24
Institutional buildings .....	6.7	4.7	26.4	16.7	79.3	107.1	+35
Religious buildings.....	6.6	16.3	11.7	11.8	63.1	81.9	+46
Garages, private residential .....	3.9	4.4	3.9	3.8	24.0	24.8	+3
Industrial buildings.....	19.1	17.1	23.8	23.1	128.9	136.0	+6
Public utilities buildings .....	6.0	5.3	8.2	5.0	68.9	40.0	-42
All other nonresidential buildings .....	4.6	6.3	6.9	4.8	77.3	53.1	-31
Additions, and alterations.....	41.8	55.0	42.8	38.6	273.0	333.7	+22
North Central							
All building construction <sup>2</sup> .....	519.3	643.7	643.8	535.9	3,666.6	4,095.2	+12
New dwelling units <sup>3</sup> .....	278.2	374.0	350.2	300.4	1,837.3	2,353.4	+28
New nonresidential building .....	196.4	191.9	222.0	188.5	1,474.4	1,326.2	-10
Commercial buildings .....	51.6	49.9	52.0	49.9	404.6	367.2	-9
Amusement buildings .....	6.5	4.2	2.9	2.7	47.4	26.8	-43
Commercial garages .....	1.2	.7	.5	.8	8.9	7.7	-13
Gasoline and service stations .....	3.2	4.0	3.2	3.9	26.1	24.8	-5
Office buildings.....	11.7	16.1	17.9	21.0	144.6	123.9	-14
Stores and other mercantile bldgs. ....	29.0	24.9	27.5	21.5	177.6	183.9	+4
Community buildings .....	71.2	81.3	81.1	64.6	568.2	498.2	-12
Educational buildings .....	41.1	50.0	30.1	41.3	318.0	260.2	-18
Institutional buildings .....	17.2	15.6	31.3	10.4	145.7	135.4	-7
Religious buildings.....	12.9	15.7	19.6	12.9	104.5	102.6	-2
Garages, private residential .....	11.1	14.2	13.7	13.4	59.8	76.9	+29
Industrial buildings.....	29.1	25.6	41.3	43.0	295.0	237.6	-19
Public utilities buildings.....	13.2	11.4	24.1	6.7	59.1	66.1	+2
All other nonresidential buildings .....	20.3	9.6	9.9	10.9	87.7	80.2	-9
Additions, and alterations.....	41.7	69.1	62.4	42.9	333.7	375.4	+12

See footnotes at end of table.

Table C-2: Building Permit Activity: Total Valuation, by Type of Building Construction and Region <sup>1</sup>—Continued

Type of building construction	Valuation (in millions of dollars)						Percent change, 1st 8 months 1958-59
	1958	1959			First 8 months		
	Aug.	June	July	Aug.	1958	1959	
	South						
All building construction <sup>2</sup> .....	533.2	528.5	555.8	493.6	3,683.8	4,078.4	+11
New dwelling units <sup>3</sup> .....	267.5	290.7	288.9	275.5	1,932.0	2,257.2	+17
New nonresidential building.....	213.4	169.9	195.9	160.7	1,336.1	1,359.5	+ 2
Commercial buildings.....	60.1	71.9	83.7	55.2	533.2	548.0	+ 3
Amusement buildings.....	2.8	6.1	4.7	5.2	32.7	45.8	+40
Commercial garages.....	.3	.6	.5	.3	5.1	4.9	- 4
Gasoline and service stations.....	3.3	3.7	4.3	3.1	27.6	26.8	- 3
Office buildings.....	24.2	17.4	34.0	17.3	239.3	183.4	-23
Stores and other mercantile bldgs. ..	29.6	44.2	40.2	29.4	228.4	287.1	+26
Community buildings.....	95.5	60.4	69.3	64.8	513.8	480.3	- 7
Educational buildings.....	66.6	32.9	33.1	37.7	308.5	259.1	-16
Institutional buildings.....	15.5	12.5	23.7	16.2	107.4	118.3	+10
Religious buildings.....	13.4	15.0	12.5	10.8	97.9	102.8	+ 5
Garages, private residential.....	1.7	2.0	2.0	2.0	13.1	15.0	+15
Industrial buildings.....	11.5	9.6	11.4	18.2	90.3	124.1	+37
Public utilities buildings.....	35.6	15.2	8.2	10.4	89.9	77.4	-14
All other nonresidential buildings.....	9.1	10.7	21.3	10.1	95.9	114.7	+20
Additions, and alterations.....	45.3	62.7	60.3	48.1	367.8	400.7	+ 9
	West						
All building construction <sup>2</sup> .....	493.9	580.4	527.7	520.7	3,555.7	4,289.3	+21
New dwelling units <sup>3</sup> .....	295.2	342.6	298.0	325.3	1,895.7	2,515.5	+33
New nonresidential building.....	154.1	170.1	162.6	141.8	1,259.7	1,310.0	+ 4
Commercial buildings.....	56.1	51.1	66.8	44.9	472.3	443.3	- 6
Amusement buildings.....	5.3	5.0	6.4	3.5	32.5	48.9	+50
Commercial garages.....	.2	.5	.5	.5	6.7	6.9	+ 3
Gasoline and service stations.....	2.3	2.9	2.5	2.9	17.7	21.0	+19
Office buildings.....	23.1	18.5	34.2	16.3	242.0	175.2	-28
Stores and other mercantile bldgs. ..	25.2	24.2	23.1	21.8	173.3	191.3	+10
Community buildings.....	53.6	47.6	41.2	49.2	382.0	388.8	+ 2
Educational buildings.....	35.9	34.0	22.9	32.0	252.2	248.5	- 1
Institutional buildings.....	10.6	5.7	7.6	7.9	75.8	70.0	- 8
Religious buildings.....	7.2	7.9	10.7	9.2	54.0	70.3	+30
Garages, private residential.....	2.7	2.8	2.8	3.2	19.5	20.8	+ 7
Industrial buildings.....	11.1	25.7	28.8	22.6	117.7	186.0	+58
Public utilities buildings.....	9.1	4.5	2.5	4.2	90.1	42.0	-53
All other nonresidential buildings.....	21.4	38.5	20.6	17.7	178.1	229.1	+29
Additions, and alterations.....	40.8	64.1	55.2	47.2	346.6	402.0	+16

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Composition of regions, and nonfarm population distribution by region, are shown below table A-2. <sup>2</sup> Includes new nonhousekeeping residential building, not shown separately. <sup>3</sup> Housekeeping only.  
<sup>4</sup> Change of less than one-half of 1 percent.

Table C-3: Building Permit Activity: Number of Nonresidential Buildings, by Type of Building

Type of construction	1958	1959							
	Aug.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Amusement buildings.....	240	172	233	279	407	373	352	339	277
Commercial garages.....	91	49	67	77	91	95	153	153	129
Educational buildings.....	426	292	305	395	407	491	520	481	474
Garages, private residential.....	20,737	5,049	5,600	12,383	22,749	23,027	22,927	22,386	22,814
Gasoline and service stations.....	688	504	497	706	790	780	764	742	700
Industrial buildings.....	1,056	922	998	1,298	1,527	1,425	1,306	1,340	1,290
Institutional buildings.....	119	98	101	126	126	1,167	141	152	141
Office buildings.....	723	566	560	825	882	809	881	881	734
Religious buildings.....	530	340	370	535	634	622	642	630	548
Stores and other mercantile buildings.....	2,276	1,848	1,976	2,841	3,220	3,042	2,731	2,391	2,292

Source: Department of Commerce, Bureau of the Census.

Table C-4: Building Permit Activity: Valuation and Number of New Dwelling Units, by Type of Structure, Public-Private Ownership, and Region<sup>1</sup>

Ownership and type of structure	(Housekeeping units only)									
	Valuation (in millions of dollars)					Number of dwelling units				
	1958		1959		First 8 months	1958		1959		First 8 months
	Aug.	July	Aug.		1958	Aug.	July	Aug.	1958	1959
	UNITED STATES									
All new dwelling units ..	1,036.4	1,160.8	1,101.9	6,947.0	8,857.8	95,757	102,869	97,441	648,418	800,937
Privately owned .....	982.1	1,151.9	1,096.5	6,605.6	8,663.0	91,652	102,082	96,705	618,549	783,433
1-family .....	856.4	995.4	950.6	5,703.2	7,356.4	72,890	80,582	76,397	483,094	598,598
2-4 family .....	39.7	45.6	40.2	268.4	381.4	5,524	6,079	5,678	38,700	52,418
5-or-more family .....	86.0	110.9	105.7	634.0	925.2	13,238	15,421	14,630	96,755	132,417
Publicly owned .....	54.3	8.9	5.4	341.4	194.7	4,105	787	736	29,869	17,504
	Northeast									
All new dwelling units ..	195.4	223.7	200.7	1,282.0	1,731.7	17,697	19,811	17,457	113,937	155,144
Privately owned .....	189.4	216.9	198.8	1,186.3	1,645.7	17,235	19,346	17,207	105,931	147,255
1-family .....	152.0	175.1	164.3	982.3	1,265.5	12,227	14,125	12,729	80,208	99,363
2-4 family .....	7.1	11.5	9.8	47.3	100.1	952	1,432	1,307	6,274	12,641
5-or-more family .....	30.3	30.3	24.7	156.7	280.1	4,056	3,789	3,171	19,449	35,251
Publicly owned .....	6.0	6.6	2.0	95.8	86.0	462	465	250	8,006	7,889
	North Central									
All new dwelling units ..	278.2	350.2	300.4	1,837.3	2,353.4	22,116	26,844	23,064	145,553	181,636
Privately owned .....	275.5	350.1	300.4	1,791.3	2,324.9	21,728	26,844	23,064	141,166	179,289
1-family .....	255.6	324.0	268.8	1,628.6	2,074.6	19,278	23,656	19,652	120,999	150,268
2-4 family .....	11.0	13.6	10.3	70.2	91.1	1,209	1,464	1,041	8,014	9,817
5-or-more family .....	8.9	12.5	21.3	92.5	159.2	1,241	1,724	2,371	12,153	19,204
Publicly owned .....	2.8	0	0	46.0	28.4	388	0	0	4,387	2,347
	South									
All new dwelling units ..	267.5	288.9	275.5	1,932.0	2,257.2	28,252	29,253	27,184	201,151	227,218
Privately owned .....	262.3	286.7	272.0	1,824.2	2,217.2	27,787	28,933	26,698	190,751	222,704
1-family .....	239.5	252.4	243.2	1,659.0	2,013.8	23,654	23,424	22,175	160,857	187,193
2-4 family .....	6.9	6.8	5.3	51.6	58.3	1,222	1,182	1,169	9,447	10,696
5-or-more family .....	15.9	27.5	23.5	113.6	145.1	2,911	4,327	3,354	20,447	24,815
Publicly owned .....	5.2	2.3	3.5	107.8	40.0	465	320	486	10,400	4,514
	West									
All new dwelling units ..	295.2	298.0	325.3	1,895.7	2,515.5	27,692	26,961	29,736	187,777	236,939
Privately owned .....	254.9	298.0	325.3	1,803.9	2,475.1	24,902	26,959	29,736	180,701	234,185
1-family .....	209.2	243.9	274.2	1,433.4	2,002.4	17,731	19,377	21,841	121,030	161,774
2-4 family .....	14.8	13.5	14.9	99.4	131.9	2,141	2,001	2,161	14,965	19,264
5-or-more family .....	30.9	40.6	36.2	271.1	340.8	5,030	5,581	5,734	44,706	53,147
Publicly owned .....	40.3	( <sup>2</sup> )	0	91.9	40.4	2,790	2	0	7,076	2,754

Source: Department of Commerce, Bureau of the Census.  
are shown below table A-2. <sup>2</sup> Less than \$50,000.

<sup>1</sup> Composition of regions, and nonfarm population distribution by region,

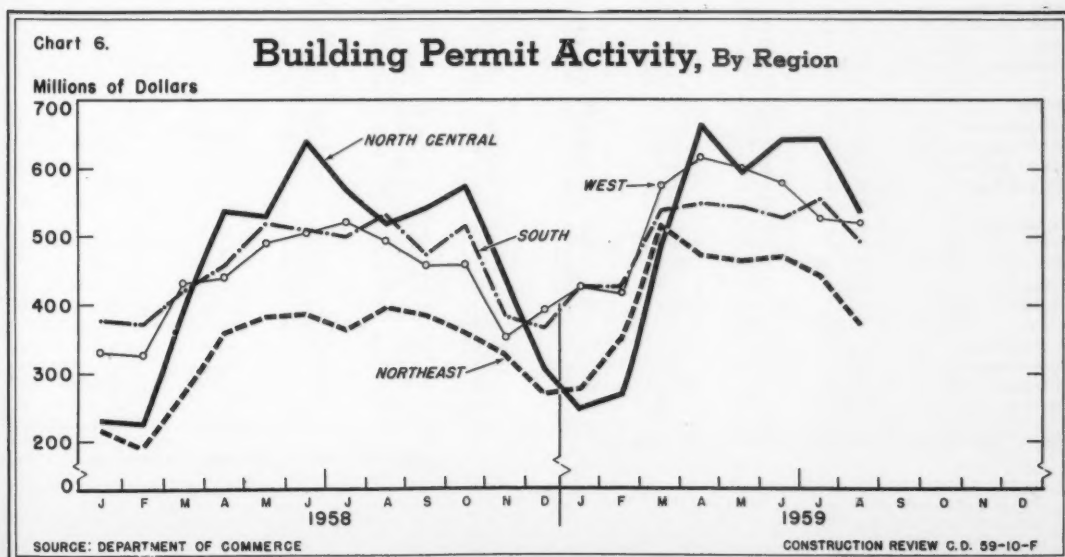




Table C-5: Building Permit Activity: Total Valuation, by Metropolitan-Nonmetropolitan Location and by State

State	Valuation (in millions of dollars)								Percent change, 1st 7 mos. 1958-59
	1958	1959					First 7 months		
	July	Mar.	Apr.	May	June	July	1958	1959	
ALL STATES .....	1,962.6	2,126.0	2,304.3	2,202.5	2,222.5	2,169.1	11,541.9	13,851.3	+ 20
Metropolitan areas .....	1,543.2	1,702.5	1,791.1	1,703.7	1,718.7	1,668.8	9,022.3	10,833.2	+ 20
Nonmetropolitan areas .....	419.4	423.5	513.2	498.8	503.8	500.3	2,519.6	3,018.1	+ 20
Alabama .....	22.8	23.9	25.6	33.0	22.3	22.5	140.0	170.3	+ 22
Arizona .....	23.6	33.2	36.0	27.0	23.3	29.6	160.0	202.6	+ 27
Arkansas .....	7.0	7.0	6.4	7.3	7.2	7.0	45.3	47.9	+ 6
California .....	373.6	401.1	388.9	421.1	404.0	359.9	2,076.9	2,567.7	+ 24
Colorado .....	27.9	29.2	68.9	30.3	35.0	28.9	181.5	235.1	+ 30
Connecticut .....	32.0	32.9	42.8	47.4	48.3	37.2	181.1	247.9	+ 37
Delaware .....	8.4	12.0	7.9	12.3	8.2	6.0	44.8	52.6	+ 17
District of Columbia .....	12.6	15.7	11.8	4.8	5.7	8.2	130.1	53.7	- 59
Florida .....	88.9	85.2	86.0	82.6	92.1	104.2	558.6	619.3	+ 11
Georgia .....	24.4	33.0	27.4	31.3	32.8	30.6	190.2	223.1	+ 17
Idaho .....	4.6	4.7	5.8	4.7	4.7	6.7	25.2	32.0	+ 27
Illinois .....	129.7	119.4	151.4	143.5	153.7	141.2	833.8	825.1	- 1
Indiana .....	33.2	38.4	45.5	39.4	56.8	74.5	207.6	290.8	+ 40
Iowa .....	21.6	17.1	26.6	20.1	25.6	21.8	104.0	128.9	+ 24
Kansas .....	12.7	20.1	16.8	15.3	18.5	18.6	83.3	110.0	+ 32
Kentucky .....	15.6	18.4	20.9	26.0	16.1	19.5	96.6	121.9	+ 26
Louisiana .....	26.6	30.3	30.2	39.5	33.1	24.7	187.4	203.6	+ 9
Maine .....	3.3	1.8	3.6	5.3	4.3	5.0	16.6	21.4	+ 29
Maryland .....	41.2	49.4	73.3	49.6	45.2	40.3	257.1	327.8	+ 27
Massachusetts .....	48.3	88.4	58.0	51.5	53.9	44.6	284.3	340.1	+ 20
Michigan .....	104.8	78.2	97.3	95.7	89.1	88.9	488.6	522.0	+ 7
Minnesota .....	48.9	33.1	62.9	48.2	45.2	49.4	247.5	271.5	+ 10
Mississippi .....	3.2	5.1	5.8	7.4	8.6	4.6	33.5	40.9	+ 22
Missouri .....	40.7	38.8	36.2	29.3	41.4	46.9	204.0	252.1	+ 24
Montana .....	4.0	4.4	4.2	4.9	5.6	6.8	20.1	28.3	+ 41
Nebraska .....	9.0	11.4	23.6	9.9	12.3	9.6	56.1	77.8	+ 39
Nevada .....	4.3	7.9	6.1	9.8	6.0	4.3	39.9	45.6	+ 14
New Hampshire .....	3.2	3.6	2.8	5.4	4.5	3.8	18.7	23.3	+ 25
New Jersey .....	75.4	87.7	92.4	92.7	79.7	90.7	439.6	526.8	+ 20
New Mexico .....	12.9	11.9	15.9	14.5	10.8	7.8	75.0	85.1	+ 13
New York .....	129.7	219.1	187.6	172.3	168.7	169.4	804.7	1,249.3	+ 55
North Carolina .....	17.4	24.0	22.3	23.4	27.6	28.8	139.0	163.1	+ 17
North Dakota .....	4.6	2.0	7.4	4.8	5.8	6.7	24.9	27.6	+ 11
Ohio .....	116.7	99.9	137.7	127.8	142.6	142.6	632.7	757.7	+ 20
Oklahoma .....	18.3	31.4	18.7	18.1	20.0	20.5	111.5	136.3	+ 22
Oregon .....	16.0	16.9	20.8	16.3	17.6	22.4	124.2	118.1	- 5
Pennsylvania .....	71.1	75.7	78.1	78.6	104.1	82.0	400.4	524.3	+ 31
Rhode Island .....	6.2	6.0	5.6	7.8	5.9	5.8	30.8	36.6	+ 19
South Carolina .....	6.0	6.7	7.4	6.7	9.0	10.6	44.8	54.6	+ 22
South Dakota .....	3.5	3.3	6.0	4.4	5.0	4.1	18.3	25.8	+ 41
Tennessee .....	23.9	26.6	24.6	25.1	27.3	26.4	145.8	167.2	+ 15
Texas .....	128.0	117.1	114.4	107.3	113.2	133.1	701.3	783.5	+ 12
Utah .....	15.9	21.8	15.0	14.7	16.3	17.9	102.7	100.1	- 3
Vermont .....	.5	.4	.6	.9	.4	3.3	6.0	6.3	+ 5
Virginia .....	47.7	50.4	58.8	52.1	52.4	63.2	269.9	352.4	+ 31
Washington .....	36.6	44.6	53.2	57.0	54.4	41.7	239.7	321.7	+ 34
West Virginia .....	7.3	6.1	7.0	17.5	7.7	5.7	54.6	52.9	- 3
Wisconsin .....	46.2	28.0	55.2	56.0	47.8	39.5	246.5	262.3	+ 6
Wyoming .....	2.4	2.9	3.1	2.2	2.7	1.6	16.8	16.4	- 2

Source: Department of Commerce, Bureau of the Census.



Table C-6: Building Permit Activity: Number of New Dwelling Units, by Metropolitan-Nonmetropolitan Location and by State

State	(Housekeeping units only)								Percent change, 1st 7 mos. 1958-59
	1958	1959					First 7 months		
	July	Mar.	Apr.	May	June	July	1958	1959	
ALL STATES .....	99,280	109,514	120,482	113,566	112,914	102,869	552,661	702,699	+27
Metropolitan areas .....	77,826	85,339	93,809	88,012	87,049	80,054	426,986	545,222	+28
Nonmetropolitan areas .....	21,454	24,175	26,673	25,554	25,865	22,815	125,675	157,477	+25
Alabama .....	1,811	1,847	1,777	2,722	1,815	1,411	10,947	12,659	+16
Arizona .....	1,816	2,447	2,532	2,070	1,445	1,318	11,673	14,315	+2
Arkansas .....	360	448	409	296	350	257	2,630	2,424	-8
California .....	20,189	24,424	23,462	25,256	22,119	19,121	109,629	146,684	+34
Colorado .....	1,660	1,789	1,333	1,511	1,732	1,608	10,689	10,086	-6
Connecticut .....	1,486	1,399	1,688	2,125	2,030	1,596	7,639	10,530	+38
Delaware .....	237	447	227	431	307	133	1,874	1,700	-9
District of Columbia .....	836	33	138	58	20	87	2,902	519	-82
Florida .....	5,609	5,660	5,621	5,324	5,428	5,809	36,877	38,702	+5
Georgia .....	1,343	2,027	2,158	1,805	2,550	1,753	10,360	13,611	+31
Idaho .....	217	185	236	208	187	190	1,183	1,257	+6
Illinois .....	5,262	5,550	7,863	6,483	6,994	6,165	26,463	37,371	+41
Indiana .....	1,547	1,636	1,946	1,935	2,555	2,352	8,477	11,773	+39
Iowa .....	762	748	1,136	862	900	870	4,132	5,119	+24
Kansas .....	640	982	704	775	977	808	4,137	5,266	+27
Kentucky .....	984	1,028	1,241	876	902	1,114	5,095	6,348	+25
Louisiana .....	1,288	1,718	1,614	1,314	1,771	1,340	8,749	10,163	+16
Maine .....	140	52	156	176	162	129	609	703	+15
Maryland .....	2,539	2,417	3,315	2,950	2,221	2,621	13,978	17,309	+24
Massachusetts .....	2,046	1,308	2,437	2,453	2,494	2,219	10,516	12,291	+17
Michigan .....	3,729	3,836	4,353	3,613	3,822	4,065	19,264	22,884	+19
Minnesota .....	2,187	1,310	2,761	2,037	2,062	2,026	9,827	11,620	+18
Mississippi .....	199	383	369	351	494	341	1,871	2,665	+42
Missouri .....	1,583	1,548	2,133	1,673	1,908	1,935	8,882	13,017	+47
Montana .....	154	252	234	227	208	214	977	1,217	+25
Nebraska .....	618	717	732	720	628	577	2,635	3,809	+45
Nevada .....	189	347	172	388	289	135	1,424	1,920	+35
New Hampshire .....	153	233	211	263	170	184	837	1,171	+40
New Jersey .....	4,233	5,470	4,615	4,662	4,671	5,072	22,065	28,584	+30
New Mexico .....	884	901	990	711	751	528	5,129	5,538	+8
New York .....	6,325	9,525	11,369	9,452	9,302	7,271	38,186	60,728	+59
North Carolina .....	995	1,311	1,268	1,072	1,324	1,499	6,912	8,330	+21
North Dakota .....	226	102	324	261	249	254	1,127	1,233	+9
Ohio .....	5,975	4,445	6,341	5,741	6,725	5,751	27,210	33,437	+23
Oklahoma .....	795	933	981	953	1,028	912	4,649	6,493	+40
Oregon .....	708	758	779	754	803	864	3,503	4,920	+40
Pennsylvania .....	2,750	3,732	3,757	2,984	4,686	2,985	14,902	21,529	+44
Rhode Island .....	288	280	346	250	266	315	1,325	1,679	+27
South Carolina .....	294	457	426	400	365	304	1,988	2,706	+36
South Dakota .....	215	181	254	180	276	220	828	1,249	+51
Tennessee .....	1,146	1,689	1,899	1,787	1,768	1,226	7,700	10,838	+41
Texas .....	7,000	7,314	6,962	5,791	5,662	6,201	40,359	44,062	+9
Utah .....	680	824	869	924	826	805	3,937	4,954	+26
Vermont .....	31	29	34	23	23	40	161	154	-4
Virginia .....	2,903	2,773	3,425	3,076	2,598	4,014	14,587	19,711	+35
Washington .....	2,015	2,085	2,025	3,032	2,642	2,075	10,941	15,359	+40
West Virginia .....	217	279	337	280	285	231	1,421	1,669	+18
Wisconsin .....	1,905	1,509	2,370	2,192	1,971	1,821	10,455	11,540	+10
Wyoming .....	111	146	153	139	153	103	1,000	853	-15

Source: Department of Commerce, Bureau of the Census.

Table C-7: Building Permit Activity: Valuation, in Selected Metropolitan Areas

Metropolitan area	Valuation (in millions of dollars)								Percent change, 1st 7 mos. 1958-59
	1958	1959					First 7 months		
	July	Mar.	Apr.	May	June	July	1958	1959	
Atlanta, Ga.....	13.1	16.3	16.2	20.7	17.7	19.6	117.9	137.0	+16
Baltimore, Md.....	17.7	23.4	40.9	24.4	17.9	17.2	127.2	151.7	+19
Birmingham, Ala.....	6.4	9.1	8.8	14.0	6.7	7.6	54.9	60.3	+10
Boston, Mass.....	30.4	74.6	26.6	26.8	24.0	22.6	156.2	202.0	+29
Buffalo, N. Y.....	14.2	9.8	11.7	19.1	16.3	18.3	81.5	87.0	+7
Chicago, Ill.....	111.2	106.3	134.6	129.8	133.0	134.5	746.2	746.7	(1)
Cleveland, Ohio.....	26.2	24.2	32.1	38.2	38.1	46.0	158.0	209.4	+33
Columbus, Ohio.....	23.3	15.1	21.3	17.0	17.7	16.0	110.0	106.2	-3
Denver, Colo.....	16.6	18.5	60.3	21.1	25.2	18.3	108.1	173.4	+60
Detroit, Mich.....	73.6	48.7	49.1	48.2	51.1	50.7	296.5	296.5	0
Indianapolis, Ind.....	8.7	11.0	12.1	11.4	12.9	30.3	59.7	85.8	+44
Los Angeles-Long Beach, Calif.....	194.1	181.7	167.8	193.8	164.7	155.2	973.9	1,108.6	+14
Miami, Fla.....	25.4	24.4	25.0	19.4	29.7	21.7	164.9	181.4	+10
Milwaukee, Wis.....	18.3	13.4	15.5	23.1	13.7	12.5	90.1	95.6	+6
New York-Northeastern New Jersey..	128.9	248.4	205.5	188.4	170.9	160.9	831.0	1,328.6	+60
Norfolk-Portsmouth, Va.....	7.0	7.2	7.8	13.2	10.0	11.3	48.8	59.1	+21
Philadelphia, Pa.....	49.1	45.2	45.9	46.9	69.7	63.5	255.1	338.7	+52
Phoenix, Ariz.....	16.3	22.4	30.2	20.9	13.2	19.0	112.0	139.5	+25
Rochester, N. Y.....	7.4	5.2	8.4	7.7	8.4	10.0	40.7	44.7	+10
Salt Lake City, Utah.....	7.7	12.3	7.3	6.7	5.9	12.5	58.1	50.7	-13
San Diego, Calif.....	28.0	35.5	38.5	40.6	43.7	31.5	192.3	259.3	+35
San Francisco-Oakland, Calif.....	45.2	52.6	48.8	58.1	56.0	49.9	304.8	349.6	+15
Seattle, Wash.....	16.6	21.5	22.8	25.7	25.8	24.7	118.3	172.0	+45
Washington, D. C.....	40.5	52.8	55.9	37.5	36.8	48.6	298.4	296.3	-1

Source: Department of Commerce, Bureau of the Census.

<sup>1</sup> Change of less than one-half of 1 percent.

Table C-8: Building Permit Activity: Number of New Dwelling Units, in Selected Metropolitan Areas

	(Housekeeping only)								
Metropolitan area	1958	1959					First 7 months		Percent change, 1st 7 mos. 1958-59
	July	Mar.	Apr.	May	June	July	1958	1959	
Atlanta, Ga.....	707	1, 190	1, 415	1, 084	1, 563	1, 020	5, 669	8, 204	+ 45
Baltimore, Md.....	874	860	1, 220	1, 208	1, 089	1, 257	6, 145	7, 318	+ 19
Birmingham, Ala.....	521	644	595	1, 401	496	504	4, 056	4, 742	+ 17
Boston, Mass.....	937	551	1, 119	1, 238	1, 004	1, 030	4, 935	5, 467	+ 11
Buffalo, N. Y.....	636	492	746	729	741	571	3, 486	3, 636	+ 4
Chicago, Ill.....	4, 533	4, 941	7, 187	5, 813	6, 440	5, 600	23, 023	33, 796	+ 47
Cleveland, Ohio.....	1, 119	973	1, 228	1, 463	1, 151	1, 681	5, 308	7, 810	+ 47
Columbus, Ohio.....	1, 543	763	1, 285	859	874	714	5, 545	5, 115	- 8
Denver, Colo.....	1, 017	1, 219	854	1, 079	1, 196	1, 069	6, 549	6, 849	+ 6
Detroit, Mich.....	2, 363	2, 601	2, 332	2, 160	2, 103	2, 476	11, 691	13, 780	+ 18
Indianapolis, Ind.....	517	517	517	709	604	850	2, 749	3, 615	+ 32
Los Angeles-Long Beach, Calif.....	9, 414	9, 992	9, 324	9, 989	8, 415	7, 034	48, 968	56, 519	+ 15
Miami, Fla.....	1, 812	1, 495	1, 547	1, 118	1, 518	1, 279	10, 959	9, 584	- 13
Milwaukee, Wis.....	674	681	683	631	657	537	4, 010	3, 835	- 4
New York-Northeastern New Jersey..	6, 813	12, 030	11, 848	10, 304	10, 341	7, 383	42, 625	67, 131	+ 57
Norfolk-Portsmouth, Va.....	622	387	475	828	400	508	2, 610	3, 137	+ 20
Philadelphia, Pa.....	2, 311	2, 617	2, 191	2, 174	3, 305	3, 451	11, 005	16, 537	+ 50
Phoenix, Ariz.....	1, 342	1, 603	2, 206	1, 728	870	977	9, 314	10, 263	+ 10
Rochester, N. Y.....	305	348	369	382	346	507	1, 596	2, 164	+ 36
Salt Lake City, Utah.....	336	411	420	424	400	454	2, 079	2, 357	+ 13
San Diego, Calif.....	2, 218	2, 427	2, 582	3, 021	2, 849	1, 952	12, 650	17, 296	+ 37
San Francisco-Oakland, Calif.....	2, 561	3, 359	2, 625	3, 185	2, 699	2, 680	13, 915	18, 525	+ 33
Seattle, Wash.....	978	1, 147	1, 158	1, 377	1, 229	1, 290	5, 675	8, 827	+ 56
Washington, D. C.....	2, 683	1, 999	3, 014	2, 326	1, 382	3, 232	12, 964	14, 863	+ 15

Source: Department of Commerce, Bureau of the Census.

Table C-9: Building Permit Activity: Valuation in Selected Metropolitan Areas by Type of Building Construction

First 7 months 1959 (thousands of dollars)

Type of building construction	Atlanta, Ga.	Baltimore Md.	Birmingham, Ala.	Boston, Mass.	Buffalo, N. Y.	Chicago, Ill.	Cleveland, Ohio	Columbus, Ohio
All building construction <sup>1</sup>	136, 975	151, 674	60, 302	201, 981	86, 991	746, 698	209, 367	106, 219
New dwelling units <sup>2</sup>	68, 496	76, 704	41, 056	65, 287	40, 364	478, 519	119, 086	72, 412
New nonresidential building	57, 260	61, 987	12, 449	108, 596	39, 959	199, 041	68, 662	23, 476
Commercial buildings	24, 179	12, 400	6, 834	71, 323	7, 992	50, 433	22, 435	7, 739
Amusement buildings	2, 243	2, 901	269	1, 020	866	4, 561	1, 617	555
Commercial garages	686	217	420	187	183	320	283	0
Gasoline and service stations	693	808	196	577	565	3, 344	579	400
Office buildings	7, 155	2, 304	2, 019	63, 938	1, 479	12, 055	5, 259	3, 183
Stores and other mercantile bldgs.	13, 402	6, 170	3, 930	5, 602	4, 899	30, 153	14, 697	3, 602
Community buildings	19, 534	26, 836	2, 598	24, 498	19, 313	65, 095	31, 965	10, 699
Educational buildings	8, 277	12, 575	762	16, 900	12, 486	31, 188	14, 869	3, 445
Institutional buildings	7, 016	9, 360	225	4, 274	4, 117	19, 698	11, 707	6, 006
Religious buildings	4, 241	4, 901	1, 612	3, 324	2, 709	14, 209	5, 389	1, 248
Garages, private residential	156	418	226	778	1, 967	13, 559	3, 494	1, 420
Industrial buildings	4, 795	3, 023	1, 932	7, 853	2, 885	52, 925	7, 104	2, 077
Public utilities buildings	6, 445	6, 733	215	2, 907	2, 292	5, 262	1, 109	176
All other nonresidential buildings	2, 150	12, 576	644	1, 236	5, 510	11, 767	2, 556	1, 365
Additions, and alterations	9, 420	12, 391	6, 722	26, 832	6, 481	62, 804	17, 447	6, 848
	Denver, Colo.	Detroit, Mich.	Indianapolis, Ind.	Los Angeles-Long Beach, Calif.	Miami, Fla.	Milwaukee, Wis.	New York-Northeastern New Jersey	Norfolk-Portsmouth, Va.
All building construction <sup>1</sup>	173, 445	296, 460	85, 767	1, 108, 581	181, 428	95, 629	1, 328, 642	59, 113
New dwelling units <sup>2</sup>	76, 910	174, 903	43, 995	592, 935	87, 336	49, 283	717, 658	32, 679
New nonresidential building	80, 523	86, 573	33, 929	370, 430	63, 073	34, 390	495, 451	21, 538
Commercial buildings	13, 926	24, 175	2, 544	131, 853	23, 106	6, 453	271, 165	10, 003
Amusement buildings	501	2, 118	101	11, 277	778	1, 499	21, 391	553
Commercial garages	154	1, 132	11	1, 299	0	185	10, 371	0
Gasoline and service stations	790	2, 314	194	3, 528	1, 391	563	3, 259	140
Office buildings	2, 816	5, 507	1, 225	69, 365	4, 797	794	190, 439	5, 640
Stores and other mercantile bldgs.	9, 665	13, 104	1, 014	46, 384	16, 140	3, 412	45, 705	3, 670
Community buildings	12, 228	28, 264	7, 110	107, 367	20, 967	19, 995	150, 256	2, 979
Educational buildings	9, 403	16, 562	4, 818	73, 133	10, 754	14, 300	96, 231	1, 322
Institutional buildings	1, 463	3, 589	654	16, 837	7, 970	3, 225	32, 755	860
Religious buildings	1, 361	8, 112	1, 639	17, 396	2, 243	2, 470	21, 270	797
Garages, private residential	1, 191	12, 529	984	4, 353	562	2, 373	6, 208	369
Industrial buildings	6, 052	13, 351	4, 445	60, 756	4, 729	4, 449	47, 163	2, 368
Public utilities buildings	960	5, 193	18, 410	12, 755	8, 373	0	7, 142	4, 179
All other nonresidential buildings	46, 167	3, 061	435	53, 346	5, 337	1, 121	13, 516	1, 640
Additions, and alterations	9, 841	32, 054	5, 514	137, 951	24, 317	11, 213	105, 012	4, 891
	Philadel- phia, Pa.	Phoenix, Ariz.	Rochester, N. Y.	Salt Lake City, Utah	San Diego, Calif.	San Francisco- Oakland, Calif.	Seattle, Wash.	Washington, D. C.
All building construction <sup>1</sup>	338, 736	139, 497	44, 732	50, 660	259, 268	349, 626	171, 992	296, 285
New dwelling units <sup>2</sup>	182, 058	89, 876	28, 622	27, 691	184, 205	208, 100	107, 153	163, 502
New nonresidential building	113, 903	40, 200	12, 589	14, 242	60, 518	94, 848	49, 371	110, 173
Commercial buildings	39, 127	25, 386	1, 723	3, 445	23, 614	41, 436	13, 931	53, 807
Amusement buildings	3, 264	916	207	616	2, 616	4, 762	1, 683	2, 493
Commercial garages	1, 189	42	0	0	1, 420	966	1, 236	952
Gasoline and service stations	2, 001	775	287	237	405	982	1, 102	930
Office buildings	6, 122	16, 425	215	773	3, 492	19, 431	3, 906	25, 708
Stores and other mercantile bldgs.	26, 550	7, 227	1, 015	1, 818	15, 681	15, 295	6, 004	23, 725
Community buildings	53, 766	7, 367	3, 631	1, 554	23, 728	17, 447	25, 077	37, 691
Educational buildings	32, 558	4, 858	1, 726	331	17, 576	7, 213	16, 021	23, 316
Institutional buildings	16, 554	352	1, 017	0	3, 299	5, 632	5, 273	11, 146
Religious buildings	4, 655	2, 157	888	1, 223	2, 854	4, 602	3, 783	3, 229
Garages, private residential	2, 114	167	1, 096	507	1, 523	1, 052	543	347
Industrial buildings	12, 440	4, 599	2, 128	3, 819	5, 012	15, 364	5, 683	1, 411
Public utilities buildings	922	272	3, 410	3, 581	847	6, 457	1, 309	6, 763
All other nonresidential buildings	5, 534	2, 410	601	1, 337	5, 794	13, 093	2, 827	10, 155
Additions, and alterations	37, 507	7, 936	3, 505	7, 722	10, 688	45, 115	13, 950	21, 718

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Includes new nonhousekeeping residential building, not shown separately. <sup>2</sup> Housekeeping only.

## Part D--Contracts

Table D-1: Contract Awards: Public Construction, by Ownership and Type of Construction<sup>1</sup>

Ownership and type of construction	Value (in millions of dollars)									Percent change, first 9 months 1958-59
	1958	1959						First 9 months		
	Sept.	Apr.	May	June	July	Aug.	Sept.	1958	1959	
TOTAL PUBLIC CONSTRUCTION .....	1,177.7	1,040.6	1,089.3	1,388.5	1,021.9	910.8	815.2	10,754.3	8,890.0	-17
FEDERALLY OWNED <sup>2</sup> .....	222.7	224.0	194.1	371.9	103.5	173.1	147.7	2,488.2	1,807.6	-27
Residential buildings .....	86.4	20.5	28.6	38.2	25.5	53.3	26.2	559.3	218.9	-61
Nonresidential buildings .....	28.3	76.9	85.4	170.0	58.3	17.2	52.8	819.1	681.4	-17
Educational .....	.6	8.6	1.2	11.8	1.7	1.3	25.8	39.5	54.7	+38
Hospital and institutional .....	.1	5.0	2.7	17.2	8.2	2.0	.1	68.6	50.8	-26
Administrative and service .....	6.9	9.7	19.4	34.8	26.8	2.1	18.1	146.8	181.3	+24
Other nonresidential buildings .....	20.7	53.6	62.1	106.2	21.6	11.8	8.8	564.3	394.6	-30
Airfield buildings .....	.4	13.9	12.7	44.8	10.6	5.3	0	178.3	148.5	-17
Troop housing .....	1.8	17.8	5.5	8.3	0	.7	0	82.6	42.7	-48
Warehouses .....	.9	3.3	3.4	3.6	1.0	.1	.1	33.4	15.7	-53
All other .....	17.6	18.6	40.5	49.5	10.0	5.7	8.7	270.0	187.7	-30
Airfields <sup>3</sup> .....	2.7	72.9	14.9	47.6	3.7	21.5	8.1	421.4	238.2	-43
Conservation and development .....	23.2	34.0	47.1	63.3	7.2	33.3	25.9	377.3	382.5	+1
Highways .....	8.0	6.4	4.3	12.8	2.0	6.8	8.8	81.6	51.3	-37
Electric power .....	18.2	3.9	9.1	10.4	2.4	29.1	14.6	78.9	129.4	+64
All other federally owned .....	55.9	9.4	4.7	29.6	4.4	11.9	11.3	150.5	105.9	-30
STATE AND LOCALLY OWNED .....	955.0	816.6	895.2	1,016.6	918.4	737.7	667.5	8,266.1	7,082.4	-14
Residential buildings .....	64.8	46.9	27.5	37.4	9.5	19.8	29.8	401.0	241.5	-40
Nonresidential buildings .....	271.0	288.5	281.3	313.7	295.6	280.9	253.6	2,771.6	2,428.2	-12
Educational .....	197.3	208.4	183.3	204.2	201.2	183.1	171.4	1,870.8	1,644.2	-12
Hospital and institutional .....	19.6	27.9	33.4	35.0	22.5	20.9	25.5	282.6	248.3	-12
Administrative and service .....	25.7	26.9	34.1	45.1	37.6	34.1	17.8	341.5	252.1	-26
Other nonresidential buildings .....	28.4	25.3	30.5	29.4	34.3	42.8	38.9	276.7	283.6	+2
Highways .....	420.2	335.1	398.4	446.7	383.7	286.8	248.0	3,421.9	2,942.0	-14
Sewer and water systems .....	76.6	94.0	123.3	133.5	105.2	92.3	82.2	826.0	912.0	+10
Sewer .....	49.3	67.8	67.5	94.8	76.3	63.2	52.8	549.7	582.4	+6
Water .....	27.3	26.2	55.8	38.7	28.9	29.1	29.4	276.3	329.6	+19
Public service enterprises .....	89.4	31.7	38.7	58.8	100.5	26.7	28.6	623.2	350.6	-44
Electric power .....	69.4	17.3	17.6	37.2	76.7	13.8	19.2	429.1	208.1	-52
Other .....	20.0	14.4	21.1	21.6	23.8	12.9	9.4	194.1	142.5	-27
Conservation and development .....	12.0	11.7	14.5	18.4	7.9	18.6	12.8	94.1	104.0	+11
All other State and locally owned .....	21.0	8.7	11.5	8.1	16.0	12.6	12.5	128.3	104.1	-19

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Includes major force-account projects started, principally by TVA and State highway departments. <sup>2</sup> Includes construction contracts awarded under Lease-Purchase programs which terminated with P.L. 85-844, approved August 28, 1958. <sup>3</sup> Beginning with January 1958, includes missile launching facilities which were previously included under all other federally owned.

Table D-2: Contract Awards: Highway Construction, by Ownership, Source of Funds, and Type of Facility<sup>1</sup>

Ownership, source of funds, and type of facility	Value (in millions of dollars)									Percent change, first 9 months 1958-59
	1958	1959						First 9 months		
	Sept.	Apr.	May	June	July	Aug.	Sept.	1958	1959	
ALL HIGHWAY CONSTRUCTION .....	428.2	341.5	402.7	459.5	385.7	293.6	256.8	3,503.5	2,993.3	-15
FEDERALLY OWNED .....	8.0	6.4	4.3	12.8	2.0	6.8	8.8	81.6	51.3	-37
STATE OWNED .....	378.3	290.5	336.6	383.7	328.4	225.8	196.2	3,003.7	2,526.4	-16
Federally aided projects:										
Total value .....	345.8	227.2	281.0	271.4	248.2	187.1	158.1	2,601.0	2,057.0	-21
Federal funds .....	251.5	162.3	204.9	185.3	168.8	137.0	109.7	1,865.5	1,468.5	-21
Independent State projects:										
Total value .....	32.5	63.3	55.6	112.3	80.2	38.7	38.1	402.7	469.4	+17
Toll facilities .....	0	0	1.3	37.9	.1	0	3.8	33.6	55.4	+65
LOCALLY OWNED <sup>2</sup> .....	41.9	44.6	61.8	63.0	55.3	61.0	51.8	418.2	415.6	-1

Source: Department of Commerce, Bureau of the Census. <sup>1</sup> Includes force-account work started on Federal and State projects.

<sup>2</sup> By municipalities and counties.

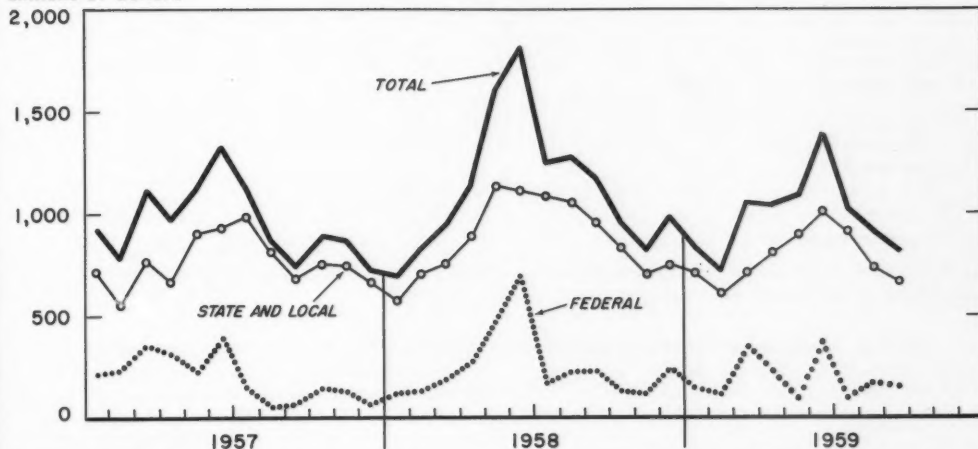


Chart 7.

# Contracts Awarded for Public Construction

## By Ownership

Millions of Dollars



SOURCE: DEPARTMENT OF COMMERCE

CONSTRUCTION REVIEW C. D. 59-10-G

Table D-3: Value of Construction Contracts Reported by the F. W. Dodge Corporation

(U. S. Summary, excluding Alaska and Hawaii)

Type of construction	Value (in millions of dollars)			Percent change, 12 months ending in Oct., 1958-59
	October 1959	12 months ending—		
		October 1959	October 1958	
TOTAL <sup>1</sup>	3, 135	36, 633	34, 633	+ 6
Building construction	2, 518	28, 653	25, 253	+ 13
Residential	1, 515	17, 270	14, 224	+ 21
Nonresidential	1, 003	11, 382	11, 029	+ 3
Engineering	616	7, 979	9, 380	- 15
Public works	455	6, 023	6, 640	- 9
Utilities	161	1, 955	2, 739	- 29

Source: Table compiled by Department of Commerce (BDSA) from data published by the F. W. Dodge Corporation.

<sup>1</sup>Dodge index of construction contracts, seasonally adjusted, 1947-49=100: October 1958, 294; October 1959, 278.

Table D-4: Value of Construction Contract Awards Reported by the Engineering News-Record

(U. S. Summary, excluding Alaska and Hawaii)

Ownership and type of construction	Value (in millions of dollars)			Percent change, 12 months ending in Oct., 1958-59
	October 1959 <sup>1</sup>	12 months ending--		
		October 1959	October 1958	
TOTAL .....	1, 493	19, 333	18, 901	+ 2
Privately owned .....	794	9, 491	7, 714	+ 23
Publicly owned .....	699	9, 842	11, 187	- 12
Private industrial buildings .....	215	2, 617	1, 826	+43
Buildings, except private industrial .....	777	9, 399	9, 172	+ 2
Highways and bridges .....	230	3, 738	4, 292	-13
Sewer systems .....	53	639	607	+ 5
Water systems .....	21	358	326	+10
Unclassified and all other .....	198	2, 586	2, 683	- 4

Source: Table compiled by Department of Commerce (BDSA) from data published by the Engineering News-Record. Data include only those projects with contract values above the following minimum sizes: Water supply, earthwork, and waterways--\$44,000; other public works--\$73,000; industrial buildings--\$93,000; other buildings--\$344,000.

<sup>1</sup>Five weeks.

## Part E—Costs

Table E-1: Construction Cost Indexes

Compiler and coverage	Indexes (1947-49=100)									Percent change, Sept. 1958-59
	1959						1956	1957	1958	
	Apr.	May	June	July	Aug.	Sept.	Sept.	Sept.	Sept.	
American Appraisal Company .....	148	150	150	150	151	151	137	143	147	+3
Associated General Contractors .....	157	158	160	161	161	162	145	152	156	+4
E. H. Boeckh and Associates (20 city average):										
Residences.....	136.4	137.0	137.9	138.2	138.4	138.4	130.3	132.8	133.8	+3
Apartments, hotels, and office buildings.....	147.3	148.1	149.2	149.6	149.8	149.9	138.5	142.6	144.5	+4
Commercial and factory buildings.....	150.6	151.3	152.5	152.8	153.0	153.0	140.5	145.4	147.8	+4
Engineering News-Record:										
Building .....	161.4	161.8	163.0	163.9	164.8	165.2	148.6	153.4	159.0	+4
Construction .....	174.2	175.5	176.6	178.7	180.1	180.3	156.5	163.8	171.8	+5
Department of Commerce composite <sup>1</sup> .....	140	140	*141	142	142	*142	134	138	139	+3

Sources as stated above. <sup>1</sup> A composite of cost indexes, compiled by the Bureau of the Census, representative of the major types of construction weighted by the current relative importance of each type. \*Revised.

Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities

Commodity	(1947-49=100, unless otherwise specified)									Percent change, October 1958-59
	1959						1956	1957	1958	
	May	June	July	Aug.	Sept.	Oct.	Oct.	Oct.	Oct.	
<b>ALL CONSTRUCTION MATERIALS <sup>1</sup> .....</b>	<b>135.8</b>	<b>135.8</b>	<b>135.3</b>	<b>135.4</b>	<b>135.0</b>	<b>134.9</b>	<b>131.0</b>	<b>130.2</b>	<b>132.1</b>	<b>+2</b>
<b>Lumber and wood products:</b>										
Softwoods:										
Douglas fir .....	136.4	137.4	135.6	136.0	<sup>4</sup> 132.8	130.4	122.7	113.3	120.1	+9
Southern pine .....	116.0	116.9	117.4	117.7	118.5	118.6	119.0	113.4	113.9	+4
Other softwoods.....	137.9	141.4	141.0	142.3	142.2	139.6	133.3	130.9	130.6	+7
Hardwoods used in construction .....	123.0	123.7	123.6	123.4	123.1	122.8	122.2	111.3	118.8	+3
Millwork .....	137.5	137.3	137.7	138.6	138.7	138.7	128.6	128.3	130.5	+6
Plywood .....	106.6	105.2	102.4	100.9	96.6	96.5	96.1	96.9	102.7	-6
Softwood .....	107.5	104.8	99.9	97.2	89.1	89.1	90.2	91.6	102.2	-13
Hardwood.....	107.0	107.0	106.8	106.5	106.5	106.3	104.2	104.3	104.5	+2
Building paper and board.....	146.7	146.7	147.3	147.6	147.6	147.6	138.1	141.7	143.4	+3
Insulation board.....	148.9	148.9	149.9	150.4	150.4	150.4	( <sup>2</sup> )	( <sup>2</sup> )	145.3	+4
Hardboard (Jan. 1958=100).....	100.4	100.4	100.4	100.4	100.4	100.4	( <sup>2</sup> )	( <sup>2</sup> )	98.6	+2
Prepared paint .....	128.3	128.3	128.3	128.3	128.3	128.3	122.4	128.1	128.2	( <sup>3</sup> )
<b>Metals and metal products:</b>										
Finished mill and foundry products:										
Structural steel shapes .....	199.6	199.6	199.6	199.6	199.6	199.6	170.5	192.3	199.6	0
Reinforcing bars .....	195.0	195.0	195.0	195.0	195.0	195.0	177.4	189.6	195.0	0
Galvanized sheets, carbon.....	160.4	160.4	160.4	160.4	160.4	161.6	153.1	153.1	160.4	+1
Black steel pipe, carbon .....	190.9	190.9	190.9	190.9	190.9	190.9	176.5	190.3	190.9	0
Wire nails, 8d common .....	182.2	182.2	182.2	182.2	182.2	182.2	173.7	182.2	182.2	0
Copper water tubing .....	152.1	152.1	140.3	139.6	147.6	149.7	163.3	142.4	139.7	+7
Building wire .....	128.5	126.7	126.7	126.7	126.7	137.2	152.9	110.1	109.5	+25
Nonmetallic sheathed cable.....	86.9	86.9	84.8	84.8	84.8	91.5	105.3	75.1	81.5	+12
Builders' hardware:										
Cabinet hinge.....	136.4	136.4	136.4	136.4	136.4	136.4	139.1	137.2	137.2	-1
Door lock sets .....	155.1	155.1	155.1	155.1	155.1	155.1	141.6	149.4	155.2	( <sup>3</sup> )
Butts .....	168.4	168.4	168.4	168.4	168.4	168.4	168.4	168.4	168.4	0
Fabricated metal products used in construction:										
Plumbing fixtures and brass fittings <sup>1</sup> .....	130.9	130.9	130.9	131.0	131.0	131.0	133.9	128.5	124.6	+5
Enameled iron fixtures.....	120.8	120.8	120.8	120.8	120.8	120.8	125.3	125.8	115.7	+4
Vitreous china fixtures.....	123.1	123.1	123.1	123.1	123.1	123.1	124.2	124.2	116.0	+6
Brass fittings.....	144.0	144.0	144.0	144.1	144.1	144.1	142.6	135.0	135.6	+6

See footnotes at end of table.

Table E-2: Indexes of Wholesale Prices of Construction Materials, by Selected Groups and Commodities--Continued

Commodity	(1947-49=100, unless otherwise specified)									Percent change, October 1958-59
	1959						1956	1957	1958	
	May	June	July	Aug.	Sept.	Oct.	Oct.	Oct.	Oct.	
<b>Metals and metal products--Con.</b>										
<b>Fabricated metal products used in construction--Con.</b>										
Heating equipment <sup>1</sup> .....	121.7	121.7	121.7	121.6	<sup>4</sup> 121.4	121.5	121.9	122.3	121.4	( <sup>3</sup> )
Steam and hot water equipment .....	154.7	154.7	154.7	154.7	154.7	154.7	143.6	149.5	153.8	+ 4
Warm air furnaces.....	123.6	123.6	123.4	123.4	<sup>4</sup> 123.4	123.4	130.3	128.0	123.4	0
Fuel burning equipment, automatic.....	115.9	115.9	115.8	115.9	115.9	115.9	111.7	115.2	116.0	( <sup>3</sup> )
Water heaters, domestic .....	99.5	99.5	99.5	99.0	<sup>4</sup> 98.4	98.7	108.4	105.1	100.3	- 2
Metal doors, sash, and trim.....	134.2	134.2	134.2	134.2	134.2	134.2	148.3	142.8	140.1	- 4
<b>Tanks and sheet metal products:</b>										
Steel roofing (Jan. 1958=100).....	104.7	104.7	104.7	104.7	104.7	105.4	( <sup>2</sup> )	( <sup>2</sup> )	104.7	+ 1
Corrugated aluminum roofing (Jan. 1958=100).....	96.3	96.3	96.3	96.3	96.3	96.3	( <sup>2</sup> )	( <sup>2</sup> )	96.3	0
<b>Machinery and motive products:</b>										
Escalators and elevators .....	139.0	<sup>4</sup> 139.7	<sup>4</sup> 139.7	<sup>4</sup> 139.7	<sup>4</sup> 139.7	140.0	132.2	140.7	138.9	+ 1
Fans and blowers, except portable....	182.2	182.2	182.2	182.2	182.2	182.2	171.3	175.0	180.2	+ 1
<b>Nonmetallic minerals products used in construction:</b>										
<b>Flat glass:</b>										
Plate glass.....	144.3	145.0	145.0	145.0	145.0	145.0	145.7	145.7	144.3	+ 1
Window glass .....	145.3	145.3	145.3	145.3	145.3	145.3	145.9	145.9	144.8	( <sup>3</sup> )
Concrete ingredients.....	140.2	140.1	140.4	140.4	<sup>4</sup> 140.4	140.4	131.6	136.9	139.1	+ 1
Sand, gravel, and crushed stone .....	129.7	129.5	130.0	130.0	<sup>4</sup> 130.0	130.1	122.9	127.9	129.0	+ 1
Portland cement.....	152.2	152.2	152.2	152.2	152.1	152.1	141.4	147.2	150.7	+ 1
Concrete products .....	129.7	129.7	129.9	129.7	<sup>4</sup> 130.2	130.3	125.0	126.5	128.1	+ 2
Building block .....	116.7	116.8	118.0	117.8	118.1	118.6	116.4	118.5	117.2	+ 1
Concrete pipe.....	159.6	159.6	159.2	159.2	159.2	159.2	148.6	149.1	154.0	+ 3
Ready-mixed concrete (Jan. 1958=100) .....	101.7	101.7	101.7	101.6	<sup>4</sup> 102.0	102.0	( <sup>2</sup> )	( <sup>2</sup> )	100.4	+ 2
Structural clay products.....	139.0	139.3	139.6	139.4	<sup>4</sup> 139.5	139.4	133.7	135.2	136.1	+ 2
Building brick.....	139.1	139.1	139.6	139.2	<sup>4</sup> 139.4	139.4	134.1	134.5	135.7	+ 3
Clay tile .....	130.7	130.7	130.7	130.7	130.7	130.7	127.4	127.6	128.5	+ 2
Clay sewer pipe.....	162.7	164.8	165.6	165.6	165.6	164.8	149.2	156.8	159.4	+ 3
Gypsum products .....	133.1	133.1	133.1	133.1	133.1	133.1	127.1	127.1	133.1	0
Lath.....	128.6	128.6	128.6	128.6	128.6	128.6	123.5	123.8	128.6	0
Wallboard.....	130.4	130.4	130.4	130.4	130.4	130.4	124.9	124.9	130.4	0
Plaster.....	144.6	144.6	144.6	144.6	144.6	144.6	136.2	136.2	144.7	0
Prepared asphalt roofing .....	126.4	113.6	111.9	111.9	110.8	110.8	117.5	124.6	118.5	- 7
<b>Other nonmetallic minerals used in construction<sup>1</sup>.....</b>	136.9	136.9	136.9	136.9	136.9	136.9	126.6	131.0	134.1	+ 2
Insulation materials.....	102.9	102.9	102.9	102.9	102.9	102.9	100.3	103.4	104.0	- 1
Asbestos cement shingles .....	167.0	167.0	167.0	167.0	167.0	167.0	149.8	155.4	160.8	+ 4
<b>Miscellaneous products:</b>										
Kitchen cabinets, metal, base only.....	151.6	151.6	151.6	151.6	151.6	151.6	142.0	151.2	151.6	0
Linoleum, inlaid.....	130.5	130.5	130.5	130.5	130.5	130.5	127.2	125.6	128.6	+ 2
Asphalt floor tile.....	98.4	98.4	98.4	98.4	100.4	101.5	106.3	95.3	98.4	+ 3
Rubber floor tile.....	114.9	114.9	114.9	114.9	114.9	114.9	110.6	113.3	114.9	0

Source: Department of Labor, Bureau of Labor Statistics.  
of less than one-half of 1 percent.<sup>1</sup> Includes items not shown separately.<sup>2</sup> Not available.<sup>3</sup> Change<sup>4</sup> Revised.

Table E-3: Wholesale Prices of Selected Construction Materials

Commodity	Unit	1959		1958
		September	August	September
<b>LUMBER</b>				
Douglas fir:				
Dimension, construction, 25% standard, 2"x4", RL., green, S4S, mixed dimension c/l, f.o.b. mill.....	M bd. ft.	\$74.028	\$77.219	\$69.694
Boards, construction, 25% standard, RL., green, S4S, 1"x8", loose, mixed c/l of boards and dimension, f.o.b. mill.....	M bd. ft.	70.330	71.300	62.593
Timbers, construction, 8"x8" to 12"x12", RL., rough or S4S, green, c/l or mixed cars, f.o.b. mill.....	M bd. ft.	82.610	83.320	70.791
Southern pine:				
Dimension, No. 2, 2" x 4" x 16', S4S, dried, SL., f.o.b. mill.....	M bd. ft.	90.759	90.064	86.683
Boards, No. 2, 1" x 6", RL., S4S, dried, SL., c/l or mixed cars, f.o.b. mill.....	M bd. ft.	82.331	81.626	76.726
*Ponderosa pine boards, No. 3, 1" x 12", RL, 6' and over, S4S, dry, c/l or mixed cars, f.o.b. mill.....	M bd. ft.	79.100	81.030	.....
Oak, red, flooring, select plain, 25/32" thick, 2-1/4" face, bundled, c/l, f.o.b. mill..	M bd. ft.	181.313	182.244	175.889
Maple flooring, 2d grade, 25/32"x2-1/4" face, SL, c/l, f.o.b. mill.....	M bd. ft.	210.443	210.447	216.622
<b>MILLWORK</b>				
Door, flush type, interior, hardwood face, veneer, premium grade, as per CS-200-55, 2'6"x6'8"x1-3/8", f.o.b. factory, c/l freight allowed.....	Each	7.934	8.044	7.822
Window unit, wood, double hung, Ponderosa pine, 2'4"x4'6", with frame sash, glazing, weather stripping and sash balance as per CS-190-53, mixed c/l, f.o.b. factory .....	Each	14.221	14.221	12.972
<b>PLYWOOD</b>				
Douglas fir, interior, grade A-D, 1/4"x48"x96", 3 ply, f.o.b. mill.....	M sq. ft.	64.015	71.668	74.733
*Douglas fir, interior, grade C-D, 5/16"x48"x96", 5 ply, f.o.b. mill.....	M sq. ft.	89.056	94.921	.....
Plywood, birch, standard panel, grade 1-3 or 1-4, type II glue, 3 ply 1/4" thick, 48"x96", c/l, f.o.b. factory.....	M sq. ft.	214.325	214.325	213.737
<b>PREPARED PAINT</b>				
Latex, water-thinned, inside, first grade, delivered.....	Gallon	3.295	3.295	2.743
Varnish, floor, first grade, delivered.....	Gallon	4.138	4.138	4.126
Enamel, white or colors, gloss, first grade, delivered.....	Gallon	5.127	5.127	5.133
Inside, flat, white, first grade, delivered .....	Gallon	3.401	3.401	3.396
Outside, white or colors, first grade, delivered.....	Gallon	4.797	4.797	4.803
<b>METAL PRODUCTS</b>				
Structural shapes, carbon steel, 6"x4"x1/2" angles, 30' long, ASTM spec.				
A-7, base quantity, f.o.b. mill.....	100 lb.	6.167	6.167	6.167
Bars, reinforcing, carbon steel, 3/4" round x 30' long with 10% shorts,				
ASTM spec. A-15, 57T, base quantity, f.o.b. mill .....	100 lb.	6.385	6.385	6.385
Sheets, galvanized, carbon steel, 24 gage x 30" wide x 96" long,				
commercial coating, base chemistry, base packaging, base quantity, f.o.b. mill .....	100 lb.	8.615	8.615	8.545
Pipe, standard, black, carbon steel, butt weld, threaded and coupled,				
1-1/4" nominal, random lengths c/l, wt. 228 lbs. per 100', f.o.b. mill.....	100 ft.	19.905	19.905	20.525
Pipe, standard, galvanized, carbon steel, butt weld, threaded and coupled,				
1-1/4" nominal, random lengths c/l, wt. 228 lbs. per 100', f.o.b. mill.....	100 ft.	23.253	23.253	23.975
Nails, wire, carbon steel, 8d common, c/l, f.o.b. mill .....	100 lb.	9.825	9.825	9.828
Soil pipe, cast iron, 4", single hub, extra heavy, f.o.b. foundry.....	5' length	3.745	3.745	3.617
Copper water tubing, type L, 3/4" size, .045" wall thickness,				
shipped in 60' coils, 10,000' lots or more, f.o.b. mill, freight allowed.....	Foot	.273	.258	.255
Building wire, type RH-RW, size 12, solid, single braid, f.o.b. destination,				
or freight prepaid or allowed on specified amounts .....	M ft.	16.740	16.740	15.366
Insect screening, aluminum, 18x14 mesh, 30" wide, c/l, f.o.b.				
factory.....	100 sq. ft.	5.890	5.890	5.890

See footnotes at end of table.



Table E-3: Wholesale Prices of Selected Construction Materials--Continued

Commodity	Unit	1959		1958
		September	August	September
PLUMBING EQUIPMENT				
Barhtub, 5', enameled iron, recessed, f.o.b. factory, freight allowed.....	Each	\$53.778	\$53.778	\$50.725
Lavatory, 20"x18" and 19"x17", enameled iron, f.o.b. plant, freight allowed ....	Each	13.066	13.066	12.422
Water closet, vitreous china, closed coupled, reverse trap, f.o.b. plant, freight allowed .....	Each	23.363	23.363	21.760
Sink, 32"x21", enameled steel, acid resisting, 2-compartment, f.o.b. plant, freight allowed .....	Each	12.711	12.711	13.194
HEATING EQUIPMENT				
Convectors, nonferrous, free standing, average steam rating 40.8 to 43.0, f.o.b. factory, freight allowed .....	Sq. ft.	.466	.466	.461
Furnace, warm air: Steel, forced air, oil fired, with burner, bonnet output 90,000-115,000 BTU, f.o.b. factory, freight allowance .....	Each	242.910	242.910	245.632
Steel, forced air, gas fired, input rating 85,000-110,000 BTU, f.o.b. factory, freight allowance .....	Each	160.454	160.454	161.624
Furnace, floor, gas fired, manual controls, input rating 40,000-50,000 BTU, f.o.b. factory.....	Each	62.138	62.138	58.283
Oil burner, mechanical forced draft, 1½-3 gal. per hr., f.o.b. factory .....	Each	113.575	113.575	115.075
Water heater, gas fired, automatic, 1-year guarantee, 30-gal. steel storage tank, f.o.b. factory, freight allowed .....	Each	( 1 )	( 1 )	( 1 )
NONMETALLIC MINERAL PRODUCTS				
Sand, construction, f.o.b. plant .....	Ton	1.342	1.340	1.311
Gravel, for concrete, 1-1/2" maximum, f.o.b. plant.....	Ton	1.621	1.621	1.598
Crushed stone, for concrete, 1-1/2" maximum, f.o.b. plant .....	Ton	1.672	1.672	1.680
Building blocks, concrete, lightweight aggregate, 8"x8"x16", f.o.b. plant .....	Each	.194	.194	.192
Building brick, clay, f.o.b. plant.....	Thousand	31.763	31.711	30.927
Partition tile, clay, scored, 4"x12"x12", 3-cell, 16 lbs., f.o.b. plant.....	Thousand	138.087	138.087	137.031
Lath, gypsum, 3/8"x16"x48", f.o.b. plant, freight equalized .....	M sq. ft.	26.174	26.011	26.012
Wallboard, gypsum, 3/8"x48", varying lengths, f.o.b. plant, freight equalized .....	M sq. ft.	34.463	34.300	34.300
Shingles, asphalt, strip, thick square butt, 210 lbs., f.o.b. factory, freight allowance .....	Square	5.532	5.587	5.906
Siding shingles, asbestos cement, f.o.b. plant, freight equalized .....	Square	12.277	12.277	11.917

Source: Department of Labor, Bureau of Labor Statistics. \*Beginning with January 1959, prices not comparable with those for previous periods because of a change in specification. <sup>1</sup>Not available.

Table E-4: Indexes of Union Hourly Wage Rates for Selected Building Trades

(1947-49=100)

Period	All trades	Brick-layers	Carpenters	Elec-tricians	Painters	Plasterers	Plumbers	Building laborers
1950: July 1.....	110.7	111.6	110.1	111.5	109.6	113.0	107.8	112.4
1951: July 1.....	117.8	116.3	117.4	120.0	116.8	118.5	114.2	120.4
1952: July 1.....	125.1	126.2	124.6	126.8	124.4	125.3	121.0	128.6
1953: July 1.....	131.6	130.0	131.1	132.0	130.5	130.1	125.4	138.4
1954: July 1.....	136.4	134.2	135.3	135.9	134.5	132.5	132.3	144.4
1955: July 1.....	141.2	137.8	140.3	139.0	139.9	136.5	135.5	150.9
1956: July 1.....	147.7	144.0	146.2	146.6	145.5	141.7	141.5	159.5
1957: July 1.....	155.3	149.6	153.9	153.9	153.2	146.9	149.3	169.5
1958: July 1.....	162.4	154.6	161.1	162.1	158.7	151.6	155.6	177.9
1959: July 1.....	170.3	161.4	169.1	167.5	164.9	156.6	164.0	189.7
1958: Oct. 1.....	*163.0	NOT AVAILABLE						
1959: Jan. 2.....	*164.0							
Apr. 1.....	*165.0							
Oct. 1.....	*171.0							

Source: Department of Labor, Bureau of Labor Statistics. \* Estimated.

Table E-5: Union Hourly Wage Scales<sup>1</sup> for Selected Building Trades for 100 Cities

(As of October 1, 1959)

City	Bricklayers	Carpenters	Electricians	Painters	Plasterers	Plumbers	Building laborers
<b>ALL PLACES:</b>							
Estimated average rate .....	\$4.05	\$3.64	\$3.85	\$3.42	\$3.95	\$3.90	\$2.63
Range in rate levels .....	2.75-4.70	2.00-4.40	2.63-4.60	1.75-3.85	2.63-4.70	2.75-4.45	1.20-3.65
<i>Cents-per-hour increase, July 1-Oct. 1, 1959.....</i>	1.1	1.1	5.0	4.0	7.7	2.1	1.0
Albuquerque, N. Mex. ....	\$4.000	\$3.275	*\$3.550	\$2.875	\$3.500	\$3.850	\$2.175
Atlanta, Ga. ....	3.850	*3.200	*3.700	*3.250	*3.313	3.700	1.825
Baltimore, Md. ....	4.100	3.300	3.750	3.125	*3.800	*3.800	2.150
Birmingham, Ala. ....	*3.950	*3.150	3.650	3.150	*3.270	*3.580	*1.900
Boise, Idaho ....	3.750	3.100	3.600	3.000	3.150	3.500	2.430
Boston, Mass. ....	3.800	3.550	*3.900	*3.225	†3.650	*3.800	2.650
Buffalo, N. Y. ....	3.865	3.885	*4.150	3.500	3.810	3.725	2.885
Burlington, Vt. ....	3.750	2.750	3.000	1.750	3.750	3.000	*2.200
Butte, Mont. ....	3.750	3.125	*3.550	*3.100	3.250	*3.700	*2.550
Charleston, S. C. ....	2.750	*2.750	3.100	2.000	2.750	3.400	1.250
Charleston, W. Va. ....	4.000	3.575	3.775	3.000	*3.500	3.800	2.425
Charlotte, N. C. ....	3.100	2.400	2.900	( <sup>2</sup> )	2.625	3.150	1.995
Chattanooga, Tenn. ....	3.875	3.200	*3.500	2.950	3.400	*3.600	2.000
Cheyenne, Wyo. ....	3.750	3.050	3.430	3.000	3.250	3.400	2.070
Chicago, Ill. ....	4.075	3.750	4.100	3.600	3.950	3.950	3.025
Cincinnati, Ohio ....	3.730	*3.725	3.920	3.300	3.725	†3.850	†2.750
Cleveland, Ohio ....	3.965	3.990	4.050	3.605	3.990	3.890	3.250
Columbia, S. C. ....	2.750	2.000	3.000	2.500	2.750	3.250	( <sup>2</sup> )
Columbus, Ohio ....	3.950	3.480	3.700	3.200	3.575	3.700	2.560
Dallas, Tex. ....	3.950	*3.350	3.500	*3.125	*3.750	3.575	1.800
Dayton, Ohio ....	3.855	3.475	3.875	3.350	3.575	*3.800	2.515
Denver, Colo. ....	3.900	*3.500	3.750	3.150	4.3.700	3.800	2.250
Des Moines, Iowa ....	†4.075	3.400	3.650	3.150	†3.525	*3.685	2.650
Detroit, Mich. ....	3.900	3.550	3.900	3.400	†3.660	3.835	2.800
Duluth, Minn. ....	3.670	*3.120	*3.550	*3.100	3.450	*3.700	*2.520
El Paso, Tex. ....	3.850	3.250	3.550	2.800	3.375	3.650	1.800
Eric, Pa. ....	4.000	3.540	*3.775	3.150	3.600	3.775	2.600
Evansville, Ind. ....	3.725	3.250	*3.620	3.000	3.720	3.600	2.350
Fargo, N. Dak. ....	3.600	2.670	3.100	2.600	3.400	3.050	2.000
Grand Rapids, Mich. ....	4.100	3.400	3.560	2.950	3.500	3.700	2.600
Hartford, Conn. ....	3.850	3.450	4.025	3.270	3.850	*3.770	2.650
Houston, Tex. ....	*4.000	3.440	*3.800	*3.225	†3.625	3.525	2.000
Indianapolis, Ind. ....	3.925	3.450	3.750	†3.400	†3.700	3.700	2.450
Jackson, Miss. ....	3.500	2.950	3.300	2.750	3.000	3.550	1.450
Jacksonville, Fla. ....	3.600	3.150	3.650	2.800	3.350	3.500	( <sup>2</sup> )
Kansas City, Mo. ....	3.950	3.500	*3.750	3.425	3.750	†3.800	2.455
Knoxville, Tenn. ....	3.800	3.100	3.400	2.800	3.400	3.500	1.900
Lansing, Mich. ....	4.000	3.430	3.680	3.180	3.880	3.750	2.650
Las Vegas, Nev. ....	4.350	*3.800	4.200	*3.650	*4.350	*4.225	3.050
Little Rock, Ark. ....	3.600	3.100	3.375	*2.750	†3.400	3.350	1.700
Los Angeles, Calif. ....	4.000	3.600	†4.224	3.560	*4.125	4.080	2.880
Louisville, Ky. ....	3.875	3.500	*3.750	*3.325	3.500	3.650	2.450
Madison, Wis. ....	3.700	3.250	3.800	3.150	3.500	*3.400	2.700
Manchester, N. H. ....	3.850	3.180	3.250	2.505	3.850	3.425	2.500
Memphis, Tenn. ....	3.800	3.100	*3.600	3.000	†3.350	3.560	1.675
Miami, Fla. ....	3.770	3.400	3.650	*3.370	3.770	3.600	1.770
Milwaukee, Wis. ....	*3.720	*3.470	*3.570	*3.220	*3.480	*3.580	*2.600
Minneapolis, Minn. ....	3.875	3.450	3.550	3.240	3.400	*3.620	2.700
Mobile, Ala. ....	*3.910	3.150	*3.650	†3.100	3.500	*3.800	1.840
Montgomery, Ala. ....	3.250	2.750	3.100	2.750	2.750	3.350	1.200

See footnotes at end of table.

Table E-5: Union Hourly Wage Scales<sup>1</sup> for Selected Building Trades for 100 Cities—Con.

(As of October 1, 1959)

City	Bricklayers	Carpenters	Electricians	Painters	Plasterers	Plumbers	Building laborers
Nashville, Tenn. ....	\$3.750	\$3.050	\$3.325	\$3.050	\$3.250	\$3.600	\$1.650
Newark, N. J. ....	4.500	4.300	4.250	* 3.850	4.500	4.250	3.450
New Haven, Conn. ....	3.750	3.450	3.750	† 3.250	3.750	† 3.750	2.700
New Orleans, La. ....	3.575	3.100	* 3.600	2.750	3.120	3.500	1.800
New York, N. Y. ....	4.700	4.400	3.900	* 3.500	* 4.700	4.450	3.650
Norfolk, Va. ....	* 3.625	2.750	3.425	2.960	3.375	* 3.450	* 1.580
Oakland, Calif. ....	† 4.000	3.550	† 7 4.052	* 3.500	3.840	4.100	2.865
Oklahoma City, Okla. ....	4.000	3.125	3.625	3.000	3.500	† 3.680	2.200
Omaha, Nebr. ....	3.800	3.400	† 3 3.725	* 3.000	3.600	3.650	2.325
Peoria, Ill. ....	* 4.125	3.700	3.900	3.400	3.975	3.950	3.050
Philadelphia, Pa. ....	4.100	3.785	* 4.375	3.325	4.150	4.000	* 2.500
Phoenix, Ariz. ....	4.000	3.600	* 4.000	* 3.180	* 3.960	* 4.050	2.540
Pittsburgh, Pa. ....	4.300	3.775	* 4.600	3.575	3.950	4.000	2.575
Portland, Maine ....	3.500	2.850	3.300	2.200	3.250	3.350	2.200
Portland, Oreg. ....	3.970	3.280	3.700	3.230	3.550	* 3.740	2.670
Providence, R. I. ....	* 3.925	3.250	3.550	2.950	3.775	3.500	2.525
Raleigh, N. C. ....	2.750	2.200	2.625	1.900	2.750	2.750	1.250
Reading, Pa. ....	3.800	3.200	* 3.700	2.800	3.450	3.450	2.260
Richmond, Va. ....	* 3.625	2.750	3.275	2.350	3.180	3.400	* 1.580
Rochester, N. Y. ....	3.935	3.650	3.870	3.400	3.935	3.520	2.815
Rock Island, Ill. (Dist.) <sup>9</sup> ....	3.900	3.260	* 3.800	3.100	3.550	3.500	2.630
St. Louis, Mo. ....	4.050	3.725	* 4.110	3.555	3.800	3.850	2.775
St. Paul, Minn. ....	3.875	3.450	3.500	3.300	3.450	* 3.620	2.700
Salt Lake City, Utah ....	3.820	3.150	3.500	† 2.980	† 3.625	* 3.670	2.275
San Antonio, Tex. ....	3.625	3.000	3.500	2.750	3.625	3.425	1.450
San Diego, Calif. ....	4.200	3.600	* 4.350	3.490	4.025	4.080	2.880
San Francisco, Calif. ....	* 4.250	† 3.550	7 4.050	* 3.500	3.790	4.140	2.865
Santa Fe, N. Mex. ....	4.000	3.275	* 3.550	2.875	3.500	3.850	2.175
Savannah, Ga. ....	3.500	3.100	3.450	2.625	2.750	† 3.450	1.650
Schenectady, N. Y. ....	3.700	3.400	3.900	3.000	3.700	3.650	2.600
Scranton, Pa. ....	3.750	3.175	3.500	2.625	3.650	3.400	2.450
Seattle, Wash. ....	4.150	3.320	3.800	3.315	3.570	3.810	2.850
Shreveport, La. ....	3.750	3.000	3.600	2.900	3.500	3.450	* 1.700
Sioux Falls, S. Dak. ....	3.700	2.775	3.300	2.480	3.125	3.500	1.950
South Bend, Ind. ....	3.900	3.300	3.650	3.000	3.360	3.650	2.475
Spokane, Wash. ....	3.950	3.320	3.700	3.230	3.630	3.810	2.600
Springfield, Mass. ....	3.675	3.350	3.575	3.050	3.675	3.650	2.450
Syracuse, N. Y. ....	3.900	3.520	† 4.000	3.100	3.775	3.630	2.750
Tampa, Fla. ....	3.500	* 3.150	3.500	2.750	3.500	3.400	1.575
Toledo, Ohio ....	† 3.930	3.820	3.900	† 3.540	3.820	3.850	2.940
Trenton, N. J. ....	4.100	* 3.900	4.350	3.500	4.100	4.250	2.750
Tulsa, Okla. ....	4.000	3.300	3.760	3.200	3.500	3.750	2.300
Washington, D. C. ....	4.000	3.600	4.200	3.590	* 3.850	* 4.160	2.425
Wichita, Kan. ....	3.850	3.150	* 3.750	2.875	3.500	3.750	2.300
Wilmington, Del. ....	3.925	3.700	3.975	3.200	3.800	3.900	2.150
Worcester, Mass. ....	3.800	3.550	3.550	* 3.145	3.800	3.500	2.650
York, Pa. ....	* 3.500	2.950	3.500	2.550	3.350	3.450	1.975
Youngstown, Ohio ....	3.955	3.675	3.875	3.415	* 3.855	* 3.690	* 2.760

Source: Department of Labor, Bureau of Labor Statistics.

\* Represents an increase in rates between July 1, 1959 and October 1, 1959. † Corrected data.

<sup>1</sup> These scales represent the minimum wage rates (excluding holidays and vacation payments regularly made or credited to the worker each pay period) agreed upon through collective bargaining between employers and trade unions.<sup>2</sup> No union scale in effect on survey date. <sup>3</sup> Excludes 15 cents vacation allowance which is included in negotiated scale.<sup>4</sup> 1/2 cents of the previous insurance fund contribution has been incorporated into the basic scale. <sup>5</sup> Excludes 7 1/2 cents vacation allowance which is included in negotiated scale. <sup>6</sup> Excludes 10 cents vacation allowance which is included in negotiated scale.<sup>7</sup> Excludes 4 percent vacation allowance which is included in negotiated scale. <sup>8</sup> Excludes 7 cents vacation allowance which is included in negotiated scale. <sup>9</sup> Includes Rock Island and Moline, Ill., and Davenport, Iowa. <sup>10</sup> 2 cents of basic scale transferred to insurance payments.

## Part F--Materials Output

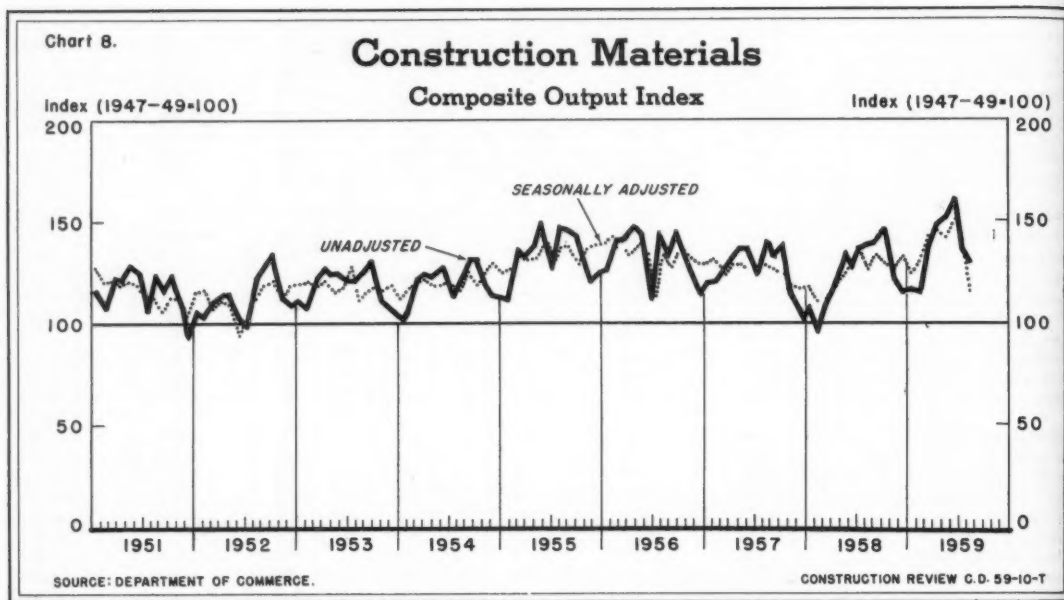


Table F-1: Construction Materials: Indexes of Output (Unadjusted and Seasonally Adjusted)

(Monthly average 1947-49=100)

Materials group	Monthly Indexes											
	Unadjusted						Seasonally adjusted					
	Annual average		1958		1959			1958		1959		
	1957	1958	July	Aug.	July	Aug.	Sept.	July	Aug.	July	Aug.	Sept.
	1957	1958	July	Aug.	July	Aug.	Sept.	July	Aug.	July	Aug.	Sept.
Composite.....	125.7	124.2	128.0	138.1	136.1	130.0	( <sup>1</sup> )	132.8	125.7	140.0	116.5	( <sup>1</sup> )
Lumber and wood products.....	115.7	119.9	117.5	130.7	<sup>2</sup> 135.3	<sup>2</sup> 142.8	145.9	123.6	117.1	<sup>2</sup> 141.8	<sup>2</sup> 127.6	141.2
Millwork .....	118.8	108.4	102.6	132.3	116.2	142.9	140.4	113.2	108.8	127.6	116.7	125.7
Paint, varnish, and lacquer .....	117.4	124.9	148.0	139.5	145.8	141.3	139.9	139.1	128.3	136.0	129.3	138.4
Portland cement .....	148.5	155.1	178.5	189.5	204.5	208.2	195.0	172.3	164.1	199.3	179.6	174.3
Asphalt products .....	96.5	102.6	114.9	151.9	130.5	121.6	132.8	98.0	116.0	110.3	92.1	115.1
Heating and plumbing equipment .....	120.0	118.4	117.4	138.3	<sup>2</sup> 129.2	151.0	( <sup>1</sup> )	124.4	123.5	<sup>2</sup> 136.4	135.3	( <sup>1</sup> )
Iron and steel products.....	143.0	123.7	122.0	129.3	106.1	73.9	( <sup>1</sup> )	137.5	125.2	120.3	71.3	( <sup>1</sup> )
Clay construction products .....	133.2	132.3	138.0	143.7	159.4	156.6	( <sup>1</sup> )	133.2	130.4	153.0	141.3	( <sup>1</sup> )
	Quarterly Indexes (Unadjusted)											
	Annual average			1958				1959				
	1957	1958		2d qtr.	3d qtr.	4th qtr.		1st qtr.	2d qtr.			
	1957	1958		2d qtr.	3d qtr.	4th qtr.		1st qtr.	2d qtr.			
Gypsum products.....	154.4	170.4		156.3	190.1	183.4		177.4	216.1			
Plumbing fixtures .....	114.1	117.3		113.6	111.2	129.1		136.7	152.7			

Source: Table compiled by the Department of Commerce (BDSA) from data reported by various Government agencies and by private firms as shown in notes to the tables following in Part F. <sup>1</sup>Not yet available. <sup>2</sup>Revised.



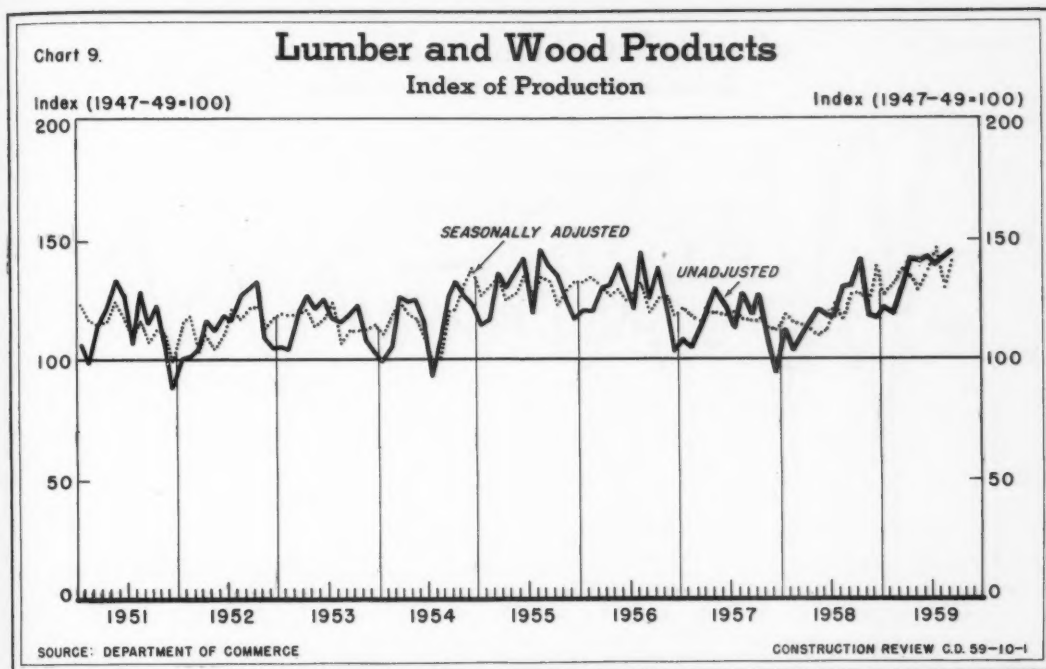


Table F-2: Lumber and Wood Products: Production, Shipments, and Stocks

Period	Softwood lumber <sup>1</sup> (Million board feet)			Hardwood flooring <sup>1</sup> (Thousand board feet)			Douglas fir plywood <sup>2</sup> (Million square feet)	Insulating boards <sup>3</sup> (Tons)	Hardboard <sup>3</sup> (Tons)
	Production	Shipments	Stocks*	Production	Shipments	Stocks*	Production		
1947-49 average.....	28,252	27,656	4,485	812,365	789,437	44,455	1,802	766,269	294,214
Year: 1956.....	30,661	29,964	6,087	1,166,446	1,117,010	114,074	5,191	1,102,012	539,981
1957.....	26,758	26,952	5,894	953,706	947,023	107,028	5,379	989,059	568,522
1958.....	27,001	27,285	5,613	927,294	922,789	99,111	6,136	1,026,790	608,623
12 months ending:									
June 1959.....	28,464	29,100	.....	994,730	998,455	.....	7,062	1,105,193	730,889
July 1959.....	28,715	29,312	.....	1,006,406	1,005,999	.....	7,166	1,119,636	754,120
August 1959.....	28,782	29,309	.....	1,014,075	1,008,405	.....	7,296	1,123,943	780,767
September 1959.....	28,948	29,241	.....	1,020,068	1,012,653	.....	7,417	1,131,765	801,229
1958: September.....	2,524	2,621	5,471	86,353	86,322	83,297	521	92,923	53,276
October.....	2,679	2,667	5,484	93,026	89,794	86,627	619	97,531	56,710
November.....	2,132	2,049	5,567	74,434	69,920	89,270	555	82,036	54,684
December.....	2,188	2,142	5,613	74,041	63,694	99,111	508	75,941	54,833
1959: January.....	2,104	2,116	5,601	78,269	77,603	95,918	623	84,087	61,270
February.....	2,088	2,097	5,591	73,919	79,666	96,093	592	81,021	63,813
March.....	2,367	2,520	5,439	80,802	86,139	81,704	614	95,713	66,479
April.....	2,518	2,672	5,336	89,563	93,293	76,489	693	107,341	71,202
May.....	2,524	2,628	5,223	88,494	89,622	75,266	675	100,510	73,315
June.....	2,617	2,659	5,181	92,372	93,574	73,959	654	104,712	74,022
July.....	2,513	2,608	5,100	93,053	89,332	75,079	552	101,855	73,329
August.....	2,528	2,530	5,099	89,749	89,446	75,307	689	100,273	77,834
September.....	2,690	2,553	5,236	92,346	90,570	76,548	642	100,745	73,738
Percent change									
September, 1958-59.....	+ 7	- 3	- 4	+ 7	+ 5	- 8	+ 23	+ 8	+ 38
First 9 mos., 1958-59.....	+ 10	+ 10	.....	+ 14	+ 13	.....	+ 28	+ 14	+ 44

\*As of end of period. Table compiled by Department of Commerce (BDSA).

Sources: <sup>1</sup>National Lumber Manufacturers Association.<sup>2</sup>Douglas Fir Plywood Association. Monthly data are estimated from quarterly totals.<sup>3</sup>Department of Commerce, Bureau of the Census.

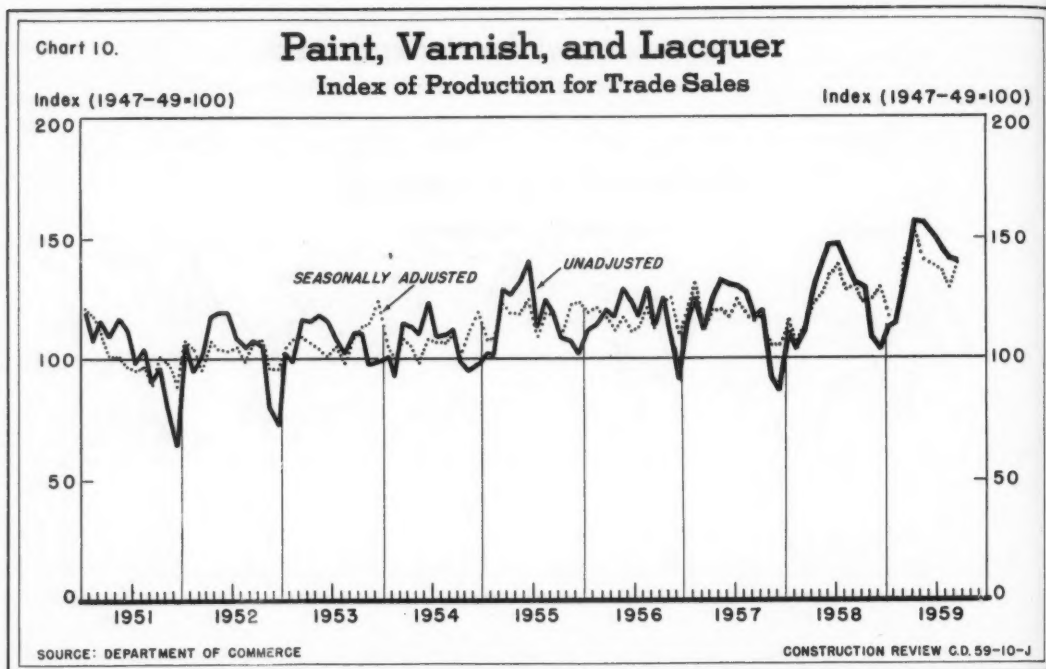


Table F-3: Shipments of Millwork Products and Production of Paint, Varnish, and Lacquer

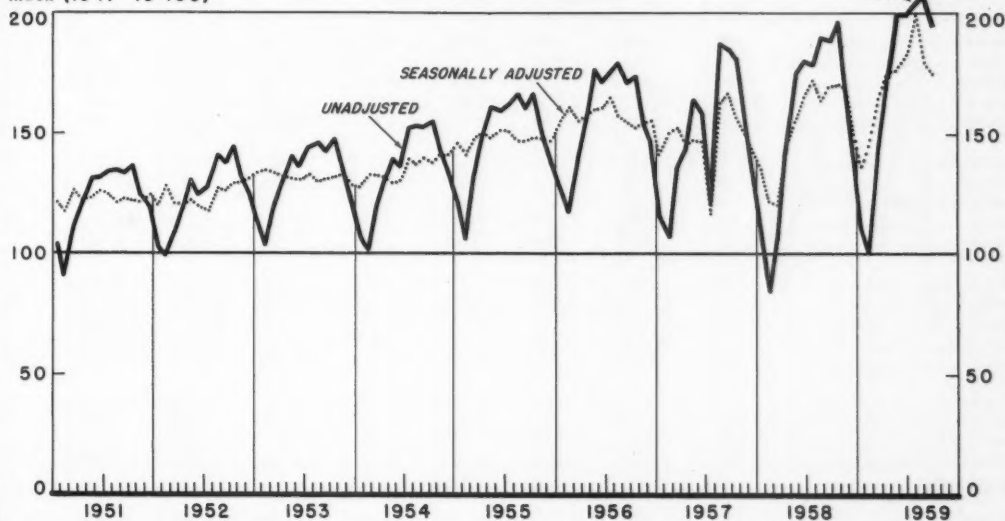
Period	Shipments (Thousands of units)				Production for trade sales (Thousands of gallons)
	Ponderosa pine doors <sup>1</sup>	Hardwood doors <sup>1</sup>	Sash <sup>1</sup>	Exterior frames <sup>1</sup>	Paint, varnish, & lacquer <sup>2</sup>
1947-49 average.....	3,768	3,298	11,043	14,186	266,701
Year: 1956.....	3,035	3,404	10,551	35,679	312,543
1957.....	2,028	5,611	9,887	5,273	313,128
1958.....	1,919	4,439	9,666	5,678	337,926
12 months ending:					
June 1959.....	2,324	4,914	11,321	6,808	352,600
July 1959.....	2,389	4,900	11,514	6,958	352,100
August 1959.....	2,471	4,884	11,593	7,113	352,500
September 1959.....	2,523	4,840	11,645	7,231	354,500
1958: September.....	176	493	982	566	29,100
October.....	211	463	1,133	577	28,700
November.....	190	388	1,011	504	23,900
December.....	187	298	892	401	22,900
1959: January.....	167	433	789	465	25,200
February.....	228	368	799	458	25,400
March.....	202	402	856	516	30,300
April.....	241	400	987	672	35,000
May.....	226	413	1,071	777	34,700
June.....	223	455	1,075	785	33,500
July.....	190	333	946	636	32,400
August.....	230	436	1,053	755	31,400
September.....	228	450	1,032	686	31,100
Percent change					
September, 1958-59.....	+29	- 9	+ 5	+21	+7
First 9 mos., 1958-59.....	+45	+12	+30	+37	+8

Table compiled by Department of Commerce (BDSA). Sources: <sup>1</sup> National Wood Work Manufacturers Association (whose data are from member firms only and are not adjusted to represent full coverage). <sup>2</sup> Department of Commerce, Bureau of the Census. <sup>3</sup> Production. See Note to table F-3 in the April 1959 issue of Construction Review. <sup>4</sup> Revised.

Chart 11.

# Portland Cement Index of Production

Index (1947-49=100)



SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C.D. 59-10-K

Table F-4: Portland Cement, and Asphalt and Gypsum Products: Production, Shipments, and Stocks

Period	Pro- duction	Ship- ments	Stocks*	Shipments (Thousands of squares)				Shipments** (Million square feet)	
	(Thousands of barrels)			Asphalt prepared roofing <sup>2</sup>	Asphalt siding <sup>2</sup>	Asphalt insulated brick siding <sup>2</sup>	Asphalt and tar saturated felts <sup>2</sup>	Gypsum board <sup>1</sup>	Gypsum lath <sup>1</sup>
	Portland cement <sup>1</sup>								
1947-49 average.....	200,607	199,306	11,922	61,252	3,365	2,811	17,087	2,478	2,075
Year: 1956.....	316,465	311,571	22,412	57,590	1,208	2,055	29,774	4,824	2,675
1957.....	297,801	291,741	28,550	53,326	1,036	1,764	30,761	4,505	2,224
1958.....	311,061	309,650	30,459	58,228	1,040	1,616	31,840	5,185	2,153
12 months ending:									
June 1959.....	333,192	333,254	.....	58,745	1,016	1,623	32,592	5,926	2,298
July 1959.....	337,541	338,088	.....	59,211	1,014	1,621	33,467	.....	.....
August 1959.....	340,666	340,766	.....	57,620	991	1,620	32,725	.....	.....
September 1959.....	341,659	341,086	.....	58,033	986	1,588	33,016	6,261	2,360
1958: September.....	31,597	35,031	24,449	6,096	114	197	2,892	.....	.....
October.....	32,847	36,880	20,412	5,880	132	188	2,705	1,420	543
November.....	28,031	24,758	23,688	3,864	97	113	2,193		
December.....	23,590	16,817	30,459	2,391	58	68	1,813	1,393	497
1959: January.....	18,604	14,544	34,798	2,698	54	76	1,964		
February.....	16,710	14,943	36,605	3,365	67	69	2,223	1,681	638
March.....	24,329	23,250	37,759	6,950	110	107	4,032		
April.....	29,093	30,423	36,381	3,985	53	143	2,672	1,767	683
May.....	33,428	33,278	36,528	4,749	62	159	2,794		
June.....	33,455	36,361	33,621	5,563	69	156	3,116	3,403	
July.....	34,182	37,370	30,417	6,163	88	176	3,403		
August.....	34,800	37,111	28,104	5,916	87	168	2,918	3,183	
September.....	32,590	35,351	25,341	6,509	109	165	3,183		
Percent change									
September, 1958-59.....	+ 3	+ 1	+ 4	+ 7	- 4	- 16	+ 10	.....	.....
First 9 mos., 1958-59.....	+ 13	+ 14	.....	( <sup>3</sup> )	- 7	- 2	+ 5	+ 27	+ 13

\* As of end of period. \*\* Data reported on a quarterly basis. Table compiled by Department of Commerce (BDCA). Sources: <sup>1</sup> Department of Interior, Bureau of Mines. <sup>2</sup> Department of Commerce, Bureau of the Census. <sup>3</sup> Change of less than one-half of 1 percent.

Table F-5.--Portland Cement: Destination of Shipments, by State

State	(Thousands of barrels)								
	1959			Calendar year			12 months ending--		
	July	Aug.	Sept.	1956	1957	1958	July 1959	August 1959	Sept. 1959
Alabama .....	490	459	422	4,935	4,627	4,768	5,291	5,269	5,221
Arizona .....	151	351	352	2,621	2,778	3,608	3,772	3,803	3,872
Arkansas .....	340	277	223	1,841	1,684	2,125	2,609	2,648	2,619
California .....	3,990	3,735	3,366	35,854	32,910	34,076	38,044	38,469	38,630
Colorado .....	504	489	362	3,703	4,027	4,183	4,415	4,476	4,408
Connecticut .....	362	374	313	4,325	5,188	3,206	3,081	3,141	3,122
Delaware .....	104	118	126	1,086	905	861	1,071	1,101	1,109
District of Columbia .....	138	146	134	1,327	1,172	1,524	1,690	1,694	1,668
Florida .....	1,153	1,181	1,077	9,499	9,985	1,397	13,013	13,212	13,234
Georgia .....	660	638	583	5,381	4,675	5,726	6,851	6,945	6,957
Idaho .....	118	109	109	1,074	959	1,453	1,484	1,466	1,403
Illinois .....	2,196	2,192	2,365	16,719	16,238	19,388	19,054	18,822	18,737
Indiana .....	1,151	1,110	1,119	9,181	7,045	7,328	8,172	8,440	8,618
Iowa .....	1,117	1,160	994	6,774	5,810	7,749	8,150	8,131	7,881
Kansas .....	743	687	490	6,963	4,980	6,396	7,442	7,420	7,261
Kentucky .....	519	525	550	3,509	3,281	3,074	3,700	3,890	4,062
Louisiana .....	792	861	854	8,303	7,585	8,043	8,800	8,834	8,945
Maine .....	191	165	154	978	964	956	1,097	1,150	1,140
Maryland .....	516	537	496	5,764	5,176	4,660	5,282	5,305	5,178
Massachusetts .....	460	475	438	5,848	4,922	4,762	4,791	4,736	4,682
Michigan .....	2,232	1,942	1,921	16,215	14,498	13,999	15,355	15,476	15,633
Minnesota .....	865	777	824	5,515	5,481	6,204	6,614	6,559	6,391
Mississippi .....	299	338	297	1,977	2,190	2,778	3,101	3,132	3,158
Missouri .....	1,050	998	875	7,646	6,851	7,637	8,822	8,881	8,843
Montana .....	239	237	150	1,405	1,377	1,394	1,499	1,565	1,480
Nebraska .....	555	481	480	3,352	2,651	3,833	4,244	4,228	4,103
Nevada .....	54	94	108	616	554	568	663	704	749
New Hampshire .....	76	68	80	926	637	584	647	649	658
New Jersey .....	822	853	827	9,428	7,952	7,902	8,692	8,724	8,696
New Mexico .....	300	293	286	2,086	2,206	2,430	3,102	3,170	3,226
New York .....	1,842	2,437	2,329	20,400	19,175	19,213	19,660	19,722	19,788
North Carolina .....	488	556	569	4,384	4,647	4,441	5,153	5,238	5,313
North Dakota .....	466	333	267	1,294	1,930	1,657	1,989	2,038	2,080
Ohio .....	2,607	2,554	2,595	17,554	17,306	16,186	18,093	18,634	19,075
Oklahoma .....	457	516	405	4,815	4,917	5,131	5,850	5,839	5,699
Oregon .....	312	295	313	2,565	2,532	2,593	2,785	2,802	2,783
Pennsylvania .....	1,924	1,888	1,861	15,445	14,288	15,172	16,115	16,189	16,242
Rhode Island .....	65	59	48	819	762	818	761	733	693
South Carolina .....	222	243	192	2,359	2,010	2,204	2,542	2,579	2,560
South Dakota .....	255	212	203	1,374	1,071	1,392	1,659	1,666	1,665
Tennessee .....	531	493	681	4,843	4,153	4,288	4,911	4,929	5,148
Texas .....	2,190	2,075	1,841	20,953	18,892	22,322	24,534	24,438	24,372
Utah .....	230	236	226	2,010	1,791	2,118	2,266	2,259	2,219
Vermont .....	49	48	47	334	302	353	386	386	372
Virginia .....	643	700	670	5,419	5,436	5,180	5,933	6,106	6,173
Washington .....	612	620	555	4,677	5,078	6,555	6,617	6,549	6,306
West Virginia .....	264	248	253	1,937	2,269	1,986	2,153	2,184	2,181
Wisconsin .....	1,075	1,084	1,055	6,768	6,771	6,751	6,935	7,220	7,494
Wyoming .....	143	132	116	655	688	962	1,103	1,078	1,054

Source: Table compiled by Department of Commerce from data reported by Department of Interior, Bureau of Mines. Note: Alaska and Hawaii have been omitted to avoid disclosure of individual company operations.



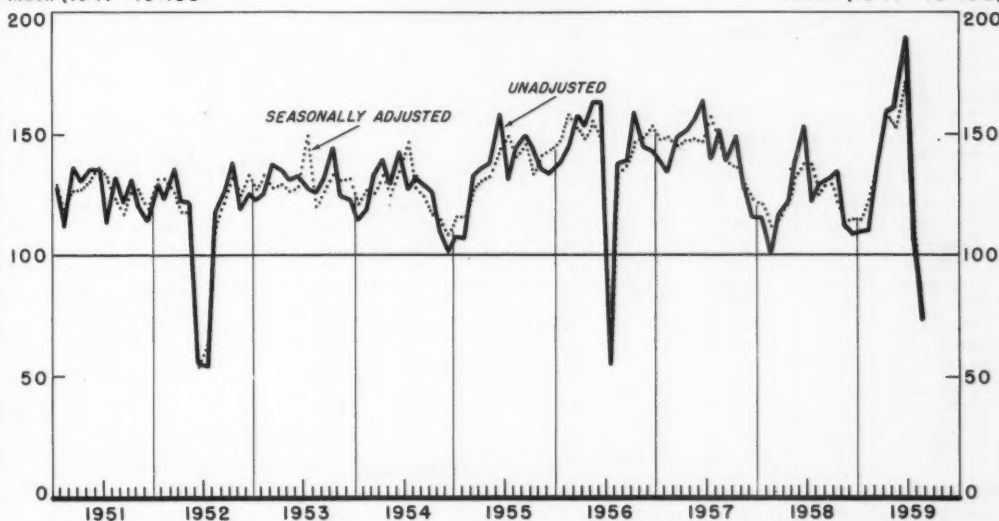
Chart 12.

## Iron and Steel Products

Index of Shipments

Index (1947-49=100)

Index (1947-49=100)



SOURCE: DEPARTMENT OF COMMERCE.

CONSTRUCTION REVIEW C.D. 59-10-L

Table F-6: Iron and Steel Products: Shipments, Bookings, and Backlog

(Thousands of tons)

Period	Shipments									Ship- ments	Book- ings	Back- log*
	Line pipe <sup>1</sup>	Concrete reinforc- ing bars <sup>1</sup>	Gal- vanized sheets <sup>1</sup>	Nails <sup>1</sup>	Piling <sup>1</sup>	Rails <sup>1</sup>	Cast-iron pipe <sup>2</sup>		Rigid steel con- duit <sup>3</sup>			
							Pres- sure	Soil				
1947-49 average .....	1, 975	1, 523	1, 669	797	309	2, 167	1, 075	604	226	2, 639	2, 442	.....
Year: 1956 .....	3, 377	2, 518	2, 958	559	433	1, 300	1, 745	817	359	3, 780	4, 736	1, 313
1957 .....	4, 217	2, 300	2, 393	447	569	1, 283	1, 352	757	352	4, 180	3, 073	1, 125
1958 .....	2, 608	2, 034	2, 827	418	440	580	1, 278	789	327	3, 664	2, 773	1, 135
12 months ending:												
June 1959 .....	3, 309	2, 455	3, 436	455	463	747	1, 371	880	337	3, 396	3, 123	.....
July 1959 .....	<sup>\$</sup> 3, 273	<sup>\$</sup> 2, 422	<sup>\$</sup> 3, 377	<sup>\$</sup> 445	<sup>\$</sup> 454	<sup>\$</sup> 757	1, 393	888	342	3, 344	3, 051	.....
August 1959.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	1, 409	888	337	3, 266	3, 022	.....
September 1959.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	319	3, 137	3, 051	.....
1958: September.....	215	193	259	36	37	27	126	77	35	314	256	1, 169
October.....	226	184	290	39	34	39	129	82	30	307	259	1, 083
November.....	162	152	254	28	36	35	98	64	25	271	243	1, 051
December.....	145	143	266	22	35	43	85	57	23	267	197	1, 135
1959: January.....	222	134	279	30	30	56	76	58	29	224	236	1, 107
February.....	227	150	282	31	24	76	76	56	23	216	294	1, 150
March.....	307	228	317	43	35	103	108	90	21	260	255	1, 146
April.....	433	280	329	46	49	83	130	84	26	291	295	1, 202
May.....	446	256	317	51	54	105	142	76	29	294	242	1, 151
June.....	477	380	350	61	61	104	161	85	38	365	291	1, 108
July.....	<sup>\$</sup> 184	<sup>\$</sup> 142	<sup>\$</sup> 181	<sup>\$</sup> 20	<sup>\$</sup> 23	<sup>\$</sup> 43	133	80	33	239	259	1, 117
August.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	146	80	25	220	197	1, 093
September.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	17	183	284	1, 093
Percent change												
August, 1958-59.....	.....	.....	.....	.....	.....	.....	+ 13	+ 2	- 18	- 26	- 13	- 9
First 8 mos., 1958-59.....	.....	.....	.....	.....	.....	.....	+ 16	+ 20	+ 5	- 16	+ 14	.....

\* Scheduled for fabrication in the next 4 months. Table compiled by the Department of Commerce (BDSA). Sources: <sup>1</sup> American Iron and Steel Institute. <sup>2</sup> Department of Commerce, Bureau of the Census. <sup>3</sup> National Electric Manufacturers Association.

<sup>4</sup> American Institute of Steel Construction, Inc. <sup>5</sup> Preliminary-subject to revision. <sup>6</sup> Not yet available.

Table F-7: Clay Construction Products: Production and Shipments

Period	Brick, common and face (Million brick)		Structural clay tile (Thousand tons)		Vitrified clay sewer pipe (Thousand tons)		Hollow facing tile (Million brick equivalent)		Glazed & unglazed floor & wall tile (Thousand square feet)	
	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments	Production	Shipments
1947-49 average .....	5,504	5,324	1,286	1,231	1,451	1,375	357	341	104,800	101,088
Year: 1956 .....	8,085	7,382	862	750	2,154	2,039	576	535	251,388	231,262
1957 .....	6,658	6,306	687	641	1,836	1,629	465	441	212,114	207,094
1958 .....	6,489	6,459	574	543	1,773	1,772	484	453	221,768	215,710
12 months ending:										
May 1959 .....	6,890	6,982	580	551	1,927	1,903	473	448	232,008	230,750
June 1959 .....	6,979	7,100	576	551	1,959	1,925	469	444	235,956	234,712
July 1959 .....	7,075	7,206	569	547	1,981	1,943	469	444	239,655	238,638
August 1959 .....	7,135	7,258	565	546	1,990	1,959	463	439	242,869	241,838
1958: August .....	613	635	55	49	168	184	44	41	18,013	18,772
September .....	633	661	52	47	170	186	43	40	19,014	19,259
October .....	662	697	54	54	183	190	48	43	21,577	21,431
November .....	578	580	46	47	161	152	40	37	18,491	17,615
December .....	535	426	48	38	149	118	39	38	20,031	18,476
1959: January .....	465	365	44	38	131	101	36	33	19,789	17,564
February .....	442	389	34	35	136	100	32	29	18,265	18,012
March .....	542	598	40	40	153	153	35	31	20,221	19,818
April .....	618	685	47	50	183	186	36	36	21,669	21,685
May .....	629	709	51	48	177	182	37	38	21,093	21,534
June .....	671	737	47	50	184	195	39	38	21,382	22,212
July .....	687	724	51	51	186	196	40	40	20,710	22,260
August .....	673	687	50	49	175	199	38	37	21,227	21,972
Percent change										
August, 1958-59 .....	+10	+8	-8	0	+4	+8	-13	-11	+18	+17
First 8 mos., 1958-59 .....	+16	+20	-2	+1	+20	+17	-7	-5	+15	+19

Source: Table compiled by Department of Commerce (BDSD) from data reported by the Bureau of the Census.

Table F-8: Clay Construction Products: Production and Shipments, by Census Region<sup>1</sup>

Census region	PRODUCTION				SHIPMENTS			
	1959				1959			
	August	July	June	May	August	July	June	May
Brick, common and face (thousands)								
U. S. TOTAL .....	672,535	686,932	671,203	629,141	686,733	723,858	737,372	708,917
New England .....	16,033	18,591	15,257	15,474	14,132	15,060	12,830	11,214
Middle Atlantic .....	93,823	93,648	93,572	88,365	103,167	105,440	113,394	108,507
East North Central .....	144,116	140,757	140,799	124,160	148,963	160,676	157,104	134,276
West North Central .....	37,218	37,799	34,885	30,802	39,110	41,002	38,053	33,162
South Atlantic .....	157,956	166,067	160,085	153,550	162,382	166,120	176,803	171,575
East South Central .....	78,968	81,777	79,331	76,257	81,640	86,577	86,130	85,647
West South Central .....	84,555	83,969	84,416	83,576	81,683	89,946	91,377	106,988
Mountain .....	29,916	32,523	32,216	29,388	30,029	31,384	31,789	29,190
Pacific .....	29,950	31,801	30,642	27,569	25,627	27,653	29,892	28,358
Structural clay tile (tons)								
U. S. TOTAL .....	50,243	50,789	47,379	50,877	48,641	50,826	49,632	48,003
Middle Atlantic .....	6,626	6,312	7,057	6,006	5,093	5,355	5,797	4,744
East North Central .....	4,721	3,171	2,665	1,467	3,220	4,018	2,139	1,492
West North Central .....	7,911	9,760	8,007	6,950	8,344	8,597	8,514	6,964
South Atlantic .....	11,266	12,264	11,136	12,021	11,618	10,086	10,489	10,772
East South Central .....	2,626	2,796	2,800	3,449	2,766	3,040	2,427	3,297
West South Central .....	14,835	15,084	14,380	18,995	15,736	18,058	17,698	18,730
Mountain & Pacific .....	2,258	1,402	1,334	1,989	1,864	1,672	2,568	2,004
Vitrified clay sewer pipe (tons)								
U. S. TOTAL .....	175,455	185,714	184,112	177,090	199,121	195,902	194,941	182,001
Middle Atlantic .....	11,006	12,773	13,204	11,794	17,132	14,731	14,996	13,225
East North Central .....	69,267	70,155	69,065	62,685	77,635	77,246	74,947	67,639
West North Central .....	17,728	19,334	17,150	18,772	21,937	24,134	22,624	21,852
South Atlantic .....	23,210	23,284	22,442	23,891	23,312	22,922	22,965	22,706
E. & W. South Central .....	23,269	27,373	23,613	27,112	26,999	27,567	26,979	25,505
Mountain .....	5,139	5,801	5,502	4,359	4,724	5,307	5,042	4,654
Pacific .....	25,836	26,994	33,136	28,477	27,382	23,995	27,388	26,420

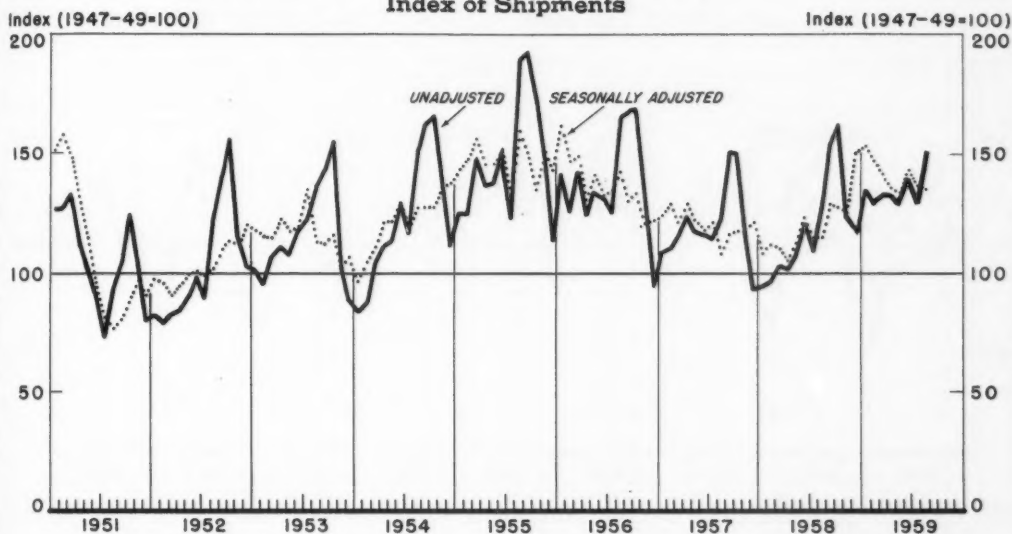
Source: Table compiled by Department of Commerce (BDSD) from data reported by the Bureau of the Census. regions, and nonfarm population distribution by region, are shown under table A-2.

<sup>1</sup> Composition of

Chart 13.

## Heating and Plumbing Equipment

Index of Shipments



SOURCE: DEPARTMENT OF COMMERCE.

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Table F-9: Heating and Plumbing Equipment: Shipments and Stocks

Period	Gas water heaters (Thousands of units)		C. I. convectors and radiators (Thousand square feet)		Warm air furnaces (Thousands of units)		Floor and wall furnaces (Thousands of units)		Residential oil burners <sup>1</sup> (Thousands of units)
	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	Shipments	Stocks*	
1947-49 average.....	1,818	67	50,980	4,377	794	69	552	44	541
Year: 1956.....	2,712	134	29,567	3,810	1,355	218	492	70	532
1957.....	2,825	79	24,892	3,482	1,131	183	469	65	425
1958.....	2,622	83	20,386	3,182	1,185	149	464	49	354
12 months ending:									
May 1959.....	<sup>2</sup> 2,931	.....	<sup>2</sup> 22,172	.....	<sup>2</sup> 1,333	.....	<sup>2</sup> 538	.....	<sup>2</sup> 414
June 1959.....	<sup>2</sup> 2,916	.....	<sup>2</sup> 22,031	.....	<sup>2</sup> 1,349	.....	<sup>2</sup> 549	.....	<sup>2</sup> 429
July 1959.....	<sup>2</sup> 2,909	.....	<sup>2</sup> 22,035	.....	<sup>2</sup> 1,376	.....	<sup>2</sup> 556	.....	<sup>2</sup> 434
August 1959.....	<sup>2</sup> 2,915	.....	( <sup>3</sup> )	.....	<sup>2</sup> 1,397	.....	<sup>2</sup> 567	.....	<sup>2</sup> 439
1958: August.....	<sup>2</sup> 235	82	<sup>2</sup> 2,297	4,950	<sup>2</sup> 131	174	<sup>2</sup> 43	65	<sup>2</sup> 37
September.....	<sup>2</sup> 250	78	<sup>2</sup> 2,899	4,097	<sup>2</sup> 161	159	<sup>2</sup> 57	61	<sup>2</sup> 49
October.....	<sup>2</sup> 283	54	<sup>2</sup> 3,031	3,355	<sup>2</sup> 153	147	<sup>2</sup> 73	53	<sup>2</sup> 54
November.....	<sup>2</sup> 215	84	<sup>2</sup> 1,946	3,182	<sup>2</sup> 121	140	<sup>2</sup> 46	50	<sup>2</sup> 33
December.....	<sup>2</sup> 227	83	<sup>2</sup> 1,374	3,182	<sup>2</sup> 96	149	<sup>2</sup> 45	49	<sup>2</sup> 27
1959: January.....	253	77	1,446	3,791	89	172	41	57	33
February.....	247	78	1,415	4,234	86	191	42	61	30
March.....	253	86	1,713	4,596	95	207	38	59	29
April.....	248	75	1,801	4,715	98	220	43	59	29
May.....	228	104	1,074	5,305	101	230	40	69	31
June.....	237	94	1,438	5,379	119	226	43	77	48
July.....	235	56	1,601	4,756	126	<sup>2</sup> 205	46	69	34
August.....	241	45	( <sup>3</sup> )	( <sup>3</sup> )	151	184	54	67	42
Percent change									
July, 1958-59.....	- 3	- 42	( <sup>4</sup> )	- 10	+ 28	+ 9	+ 18	- 1	+ 17
First 7 mos., 1958-59.....	( <sup>4</sup> )	.....	- 3	.....	+ 22	.....	+ 32	.....	+ 29

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. \* As of end of period.

<sup>1</sup> Sold separately. <sup>2</sup> Revised. <sup>3</sup> Not yet available. <sup>4</sup> Change of less than one-half of 1 percent.

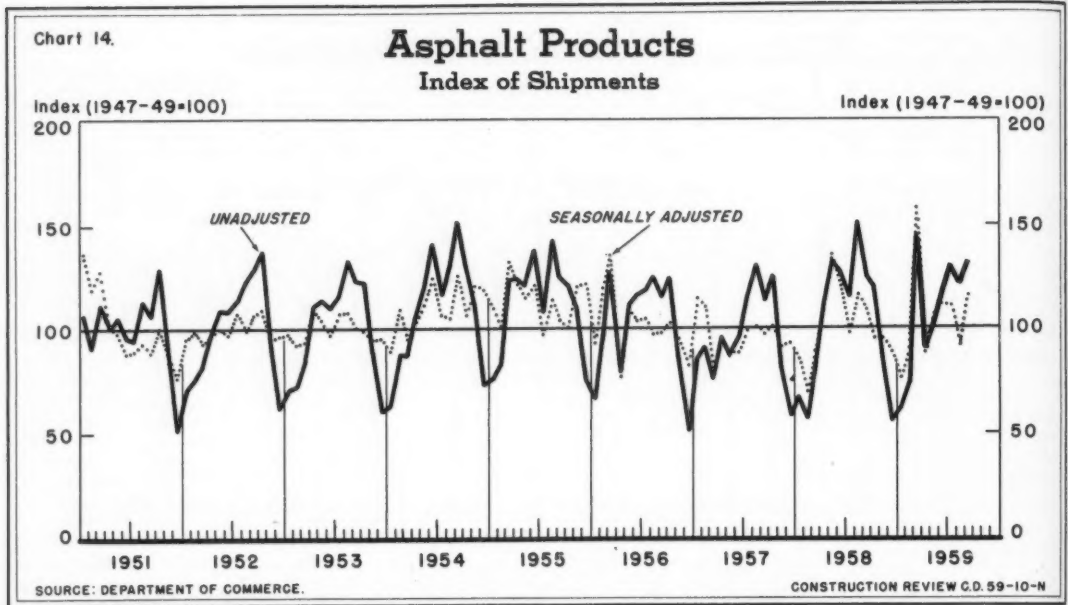


Table F-10: Imports and Exports of Selected Construction Materials

Item	Unit of quantity	IMPORTS				EXPORTS			
		Year		First 6 months		Year		First 6 months	
		1957	1958	1958	1959	1957	1958	1958	1959
<b>LUMBER, MILLWORK, &amp; WOOD PRODUCTS:</b>									
Softwoods .....	MM bd. ft.	2,170	3,155	1,291	1,871	616	540	255	273
Hardwood flooring*.....	M bd. ft.	3,646	3,881	1,812	2,823	19,022	26,097	11,855	12,777
Wood doors .....	Units	114,416	146,590	31,213	114,407	42,894	73,156	35,199	47,271
Wood window sash <sup>1</sup> .....	Units	.....	.....	.....	.....	44,084	82,527	33,595	51,631
Wallboard (hardboard) .....	Tons	2,753	1,987	651	1,261	6,682	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Hardboard.....	Tons	60,728	57,404	23,185	51,635	( <sup>3</sup> )	6,183	3,090	2,988
Insulating wallboard.....	Tons	6,863	9,178	3,258	7,704	19,167	14,139	7,186	7,233
Softwood plywood, interior <sup>1</sup> .....	M sq. ft.	5,169	2,338	1,440	5,172	5,963	4,200	2,088	2,047
Softwood plywood, exterior <sup>1</sup> .....	M sq. ft.					8,705	7,600	5,221	2,436
<b>CEMENT, GYPSUM, &amp; ASBESTOS:</b>									
Portland cement.....	M bbls.	4,305	3,378	1,238	2,064	1,331	641	397	181
Asbestos construction materials.....	Tons	21,851	13,270	4,400	14,910	17,489	13,961	7,084	5,551
Asphalt tile <sup>1</sup> .....	M sq. yds.	.....	.....	.....	.....	2,333	2,113	682	1,041
<b>IRON AND STEEL PRODUCTS:</b>									
Cast-iron pipe, pressure.....	Tons	542	2,474	1,016	3,366	35,784	15,120	6,807	4,841
Cast-iron pipe, soil.....	Tons	4,977	7,104	3,993	5,269	8,391	7,122	3,698	2,794
Concrete reinforcing bars .....	Tons	160,371	472,527	162,548	489,679	84,720	24,729	14,589	6,183
Steel piling .....	Tons	31,808	4,412	2,750	2,579	18,434	13,538	10,371	10,574
Rails .....	Tons	4,853	4,625	2,900	3,755	196,792	139,000	69,816	40,942
Line pipe <sup>1</sup> .....	Tons	.....	.....	.....	.....	607,206	315,403	248,289	62,750
Fabricated structural steel <sup>1</sup> .....	Tons	.....	.....	.....	.....	246,783	112,479	51,786	38,050
Gas water heaters <sup>1</sup> .....	Units	.....	.....	.....	.....	38,223	33,810	17,394	8,998
<b>CLAY PRODUCTS:</b>									
Clay building and paving bricks .....	M brick	4,118	4,512	1,744	2,970	40,190	45,685	18,661	21,324
Clay floor and wall tiles .....	M sq. ft.	17,072	25,475	10,630	21,395	5,226	4,650	2,705	1,282
Hollow building tile <sup>1</sup> .....	Tons	.....	.....	.....	.....	15,364	15,849	5,792	8,975

Source: Table compiled by Department of Commerce (BDSA) from data reported by the Bureau of the Census. \*Imports include only maple (except Japanese), birch, and beech. <sup>1</sup>Data for imports not available in same detail as for exports. <sup>2</sup>Included in hardboard exports. <sup>3</sup>Not available prior to 1958. <sup>4</sup>Revised.

(Note: Table F-11, Plumbing Fixtures: Production, Shipments, and Stocks, is shown quarterly in the January, April, July, and October issues.)



## Part G--Employment

NOTE: Beginning with data for January 1958, employment estimates for all States and areas (except as noted) are classified according to the Standard Industrial Classification Manual issued in 1957 by the Bureau of the Budget and are not strictly comparable with data for earlier periods.

Table G-1: Contract Construction: Employment by Type of Contractor

Period	All contractors	Building contractors							Nonbuilding contractors		
		All building contractors	General contractors	Special trades contractors					All non-building	Highway and street	Other non-building
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
NUMBER OF EMPLOYEES (in thousands)											
Year: 1948.....	2,169.0	1,753.0	807.0	946.0	238.2	124.9	123.2	459.8	416.0	172.1	243.8
1949.....	2,165.0	1,736.0	779.0	957.0	241.7	123.4	122.1	469.5	428.0	178.1	250.3
1950.....	2,333.0	1,885.0	844.0	1,041.0	263.1	130.8	123.4	524.0	448.0	183.0	265.2
1951.....	2,603.0	2,109.0	957.6	1,151.7	286.9	155.7	140.5	568.7	493.0	201.3	291.9
1952.....	2,634.0	2,119.0	948.3	1,170.8	287.7	156.5	155.7	570.9	514.0	209.4	305.0
1953.....	2,622.0	2,109.0	934.0	1,175.1	288.9	148.1	159.7	578.4	513.0	214.9	297.8
1954.....	2,593.0	2,090.0	885.7	1,204.0	295.7	143.8	164.4	600.1	503.0	217.4	285.6
1955.....	2,759.0	2,243.0	922.6	1,320.8	317.0	162.3	168.4	673.3	516.0	232.4	284.0
1956.....	2,929.0	2,336.0	970.0	1,366.0	328.7	170.9	186.2	680.2	593.0	257.9	335.3
1957.....	2,808.0	2,222.0	869.3	1,352.7	321.7	164.2	188.9	677.9	586.0	250.1	335.6
1958.....	2,648.0	2,079.0	750.6	1,328.6	303.6	169.6	173.2	682.2	569.0	256.0	313.2
1958: Sept.....	2,927.0	2,255.0	802.1	1,453.0	321.9	193.5	187.1	750.5	672.0	328.4	343.5
Oct.....	2,887.0	2,235.0	789.2	1,445.3	323.7	189.4	183.9	748.3	652.0	317.3	335.1
Nov.....	2,784.0	2,179.0	769.0	1,410.3	315.3	181.6	179.3	734.1	605.0	286.7	318.1
Dec.....	2,486.0	1,980.0	677.8	1,302.5	308.6	163.8	177.4	652.7	506.0	217.0	289.0
1959: Jan.....	2,343.0	1,906.0	650.8	1,255.3	295.8	147.8	170.9	640.8	437.0	175.7	261.6
Feb.....	2,256.0	1,837.0	623.5	1,213.2	287.6	141.5	165.6	618.5	419.0	164.3	254.6
Mar.....	2,417.0	1,945.0	671.8	1,273.2	292.6	154.0	160.4	666.2	472.0	194.0	277.6
Apr.....	2,662.0	2,091.0	742.2	1,348.5	301.6	174.4	161.6	710.9	571.0	254.9	315.8
May.....	2,834.0	2,184.0	776.5	1,407.6	305.3	199.4	169.6	733.3	650.0	310.5	339.8
June.....	2,986.0	2,301.0	824.0	1,477.2	314.0	217.7	176.5	769.0	685.0	335.0	350.0
July.....	3,035.0	2,348.0	836.7	1,511.3	323.5	239.9	179.1	768.8	687.0	343.0	344.1
Aug.....	3,107.0	2,419.0	849.5	1,569.8	330.8	246.9	184.2	807.9	688.0	347.2	340.4
Sept.....	3,042.0	2,380.0	826.4	1,553.6	329.1	240.1	184.4	800.0	662.0	329.6	331.9
Oct.....	* 2,950.0	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)

Source: Department of Labor, Bureau of Labor Statistics. \* Percent change: Sept.-Oct. 1959, - 3.0; Oct. 1958-59, + 2.2. <sup>1</sup> Not available.

Table G-2: Contract Construction: Number of Employees (Seasonally Adjusted)  
(in thousands)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	2,120	2,015	2,065	2,105	2,136	2,184	2,199	2,212	2,220	2,229	2,249	2,251	2,169
1949.....	2,222	2,171	2,146	2,128	2,124	2,130	2,157	2,176	2,197	2,192	2,190	2,141	2,165
1950.....	2,119	2,101	2,105	2,173	2,236	2,337	2,405	2,451	2,473	2,502	2,517	2,471	2,333
1951.....	2,526	2,521	2,569	2,593	2,596	2,613	2,633	2,641	2,630	2,653	2,606	2,620	2,603
1952.....	2,599	2,624	2,588	2,586	2,597	2,645	2,658	2,672	2,682	2,648	2,650	2,632	2,634
1953.....	2,647	2,669	2,653	2,638	2,613	2,598	2,588	2,596	2,612	2,632	2,623	2,626	2,622
1954.....	2,533	2,583	2,600	2,614	2,603	2,599	2,591	2,594	2,586	2,584	2,618	2,615	2,593
1955.....	2,624	2,618	2,703	2,759	2,813	2,823	2,829	2,813	2,810	2,777	2,760	2,750	2,759
1956.....	2,768	2,802	2,834	2,891	2,964	3,079	2,984	3,007	2,980	2,951	2,926	2,917	2,929
1957.....	2,798	2,831	2,859	2,855	2,891	2,899	2,847	2,805	2,782	2,763	2,710	2,679	2,808
1958.....	2,652	2,455	2,573	2,624	2,698	2,698	2,693	2,711	2,698	2,698	2,690	2,550	2,648
1959.....	2,650	2,626	2,719	2,829	2,787	2,799	2,800	2,814	2,776	2,752			

Source: Department of Labor, Bureau of Labor Statistics.

Table G-3.—Contract Construction: Employment, by State

State	Number of employees (in thousands)											Percent change, Sept. 1958-59
	1958		1959									
	Sept.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
Alabama .....	41.4	38.7	37.9	37.6	38.7	39.1	40.2	40.9	41.4	40.7	39.9	- 4
Arizona .....	29.1	29.7	28.2	27.5	28.2	28.8	29.1	25.0	17.2	27.0	29.2	( <sup>1</sup> )
Arkansas .....	22.5	16.3	14.9	14.2	14.9	16.0	18.1	18.8	19.0	19.6	17.4	-23
California .....	298.5	280.0	262.2	255.5	272.8	281.1	290.7	293.6	299.8	306.4	300.7	+ 1
Colorado .....	36.7	34.2	31.8	30.6	31.9	32.8	34.8	36.8	38.4	38.2	( <sup>2</sup> )	.....
Connecticut <sup>3</sup> .....	51.7	43.9	39.0	37.4	37.9	41.6	43.2	47.6	49.4	50.1	49.6	-4
Delaware <sup>4</sup> .....	12.2	10.3	9.4	9.7	10.7	11.8	12.2	13.1	13.2	13.4	12.6	+3
District of Columbia ..	21.6	20.6	20.1	19.2	20.2	21.0	21.1	21.9	22.1	23.1	23.1	+7
Florida .....	131.7	129.6	129.5	127.7	126.5	126.3	131.0	133.3	138.0	140.0	137.4	+4
Georgia .....	60.9	53.5	53.2	51.3	55.4	57.4	59.3	61.6	63.4	62.8	59.6	-2
Idaho .....	12.7	9.8	8.1	7.6	8.7	10.2	11.4	12.1	12.4	12.7	12.2	- 4
Illinois .....	179.4	144.3	144.6	139.0	146.9	165.3	173.3	178.7	185.7	188.3	( <sup>2</sup> )	.....
Indiana <sup>4</sup> .....	71.9	55.0	50.7	48.9	52.2	59.1	62.9	66.6	69.4	68.9	67.3	- 6
Iowa .....	38.5	29.7	27.7	25.9	27.0	32.9	35.0	41.0	42.8	( <sup>2</sup> )	( <sup>2</sup> )	.....
Kansas <sup>4</sup> .....	39.8	33.1	31.0	30.0	34.2	35.7	37.0	38.8	39.4	39.6	36.9	- 7
Kentucky .....	36.1	30.2	29.4	29.3	31.2	35.7	37.4	39.5	40.0	38.7	39.4	+ 9
Louisiana .....	63.9	63.6	61.3	59.4	60.7	60.9	62.0	62.4	61.6	60.7	62.5	- 2
Maine .....	15.1	11.2	10.0	9.4	9.0	10.2	12.6	14.1	15.2	15.8	15.8	+ 5
Maryland .....	65.8	56.5	49.7	49.8	54.5	58.8	61.4	65.7	66.7	68.2	67.8	+ 3
Massachusetts .....	83.7	71.6	63.2	60.1	61.7	70.3	78.0	81.6	82.0	83.4	82.9	- 1
Michigan .....	104.6	85.5	81.4	78.1	81.4	93.1	104.5	108.1	113.2	115.2	107.6	+ 3
Minnesota .....	63.3	46.8	41.6	39.9	41.5	48.5	54.4	62.5	66.3	68.6	66.9	+ 6
Mississippi .....	26.5	21.4	19.7	18.2	19.7	21.2	22.4	23.4	25.5	26.2	25.0	- 6
Missouri .....	69.5	61.2	57.7	55.2	59.9	63.1	65.5	68.0	69.2	69.9	70.1	+ 1
Montana .....	13.6	9.1	8.7	7.8	8.4	11.3	13.0	14.1	14.8	14.5	13.3	- 2
Nebraska .....	23.7	20.6	19.4	18.2	19.0	21.5	22.6	25.0	26.1	26.0	( <sup>2</sup> )	.....
Nevada .....	6.7	6.2	5.9	5.8	6.4	6.9	7.1	7.5	6.3	6.6	7.4	+10
New Hampshire <sup>4</sup> .....	10.3	8.3	7.2	6.9	6.9	7.8	9.1	9.9	10.5	10.6	10.0	- 3
New Jersey .....	98.5	83.4	78.2	77.0	83.5	89.2	92.5	92.1	98.2	104.2	102.6	+ 4
New Mexico .....	22.1	23.7	21.7	22.1	22.6	23.1	22.7	22.6	21.4	20.1	19.3	-13
New York .....	*275.9	*238.4	220.7	215.4	226.0	245.9	262.3	275.2	267.1	280.6	281.3	.....
North Carolina .....	61.5	52.9	51.4	51.7	54.1	55.0	56.8	58.0	57.6	58.9	57.7	- 6
North Dakota <sup>4</sup> .....	14.1	7.9	6.6	6.9	7.4	9.9	13.6	14.7	15.3	15.4	14.8	+ 5
Ohio .....	161.9	133.2	127.1	123.9	126.8	139.8	149.7	158.7	166.2	170.3	169.2	+ 5
Oklahoma .....	33.0	31.5	30.5	31.0	33.6	34.0	34.0	34.7	35.2	34.9	33.7	+ 2
Oregon <sup>4</sup> .....	29.6	23.8	21.1	21.1	21.9	23.6	24.4	24.9	28.2	30.5	30.0	+ 1
Pennsylvania .....	181.2	145.1	136.4	134.4	142.2	166.6	176.6	180.9	187.0	182.2	180.0	- 1
Rhode Island .....	20.2	17.9	16.0	14.7	15.8	18.4	20.0	20.8	20.5	20.0	19.8	- 2
South Carolina .....	29.4	27.6	28.2	26.7	27.4	28.0	28.7	29.5	29.8	32.0	31.1	+ 6
South Dakota .....	10.9	7.2	5.9	6.0	6.7	9.0	10.2	11.3	11.6	12.0	11.1	+ 2
Tennessee .....	46.4	41.4	37.2	38.2	42.0	44.0	44.6	45.9	47.6	48.9	48.4	+ 4
Texas .....	156.4	167.5	164.3	163.9	168.1	169.1	173.5	177.5	180.4	180.5	173.5	+11
Utah .....	18.0	14.9	13.1	12.4	13.6	16.0	17.4	17.9	18.8	19.5	18.7	+ 4
Vermont .....	7.5	5.9	4.8	4.1	4.1	5.4	6.7	7.3	7.7	8.0	7.8	+ 4
Virginia .....	69.8	61.6	59.6	60.0	63.5	67.8	70.6	73.7	75.0	76.1	75.2	+ 8
Washington .....	49.5	42.9	40.1	40.3	44.1	46.1	45.6	48.6	50.5	51.3	50.1	+ 1
West Virginia .....	25.3	21.7	20.5	20.4	20.9	22.0	23.9	24.8	25.4	26.2	25.9	+ 2
Wisconsin .....	57.8	48.2	45.9	43.1	43.8	47.5	54.6	59.3	61.5	62.2	61.8	+ 7
Wyoming .....	10.1	7.7	6.4	5.7	6.2	7.5	8.3	9.9	10.1	10.2	10.1	0

Source: State agencies in cooperation with the Department of Labor, Bureau of Labor Statistics. \*Based on the 1942 Social Security Board Industrial Classification Code. See note at beginning of Part G. <sup>1</sup>Change of less than one-half of 1 percent. <sup>2</sup>Not available. <sup>3</sup>Includes a small number of employees in mining. <sup>4</sup>Data revised from January 1958. Revised statistics not shown here are available upon request. <sup>5</sup>Statistics are shown for the first time in this issue. This table is expanded to include additional areas as data become available.

Table G-4: Contract Construction: Employment in Selected Areas

Area	Number of employees (in thousands)											Percent change, Sept. 1958-59
	1958		1959									
	Sept.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	
Akron, Ohio.....	8.8	6.4	5.7	5.6	5.4	6.6	7.6	7.9	8.9	9.5	9.3	+6
Albany-Schenectady-Troy, N. Y....	7.6	6.5	5.3	4.9	4.9	5.9	6.4	6.5	6.9	6.7	6.3	-17
Albuquerque, N. Mex.....	7.4	8.7	8.4	8.9	9.2	9.0	8.6	8.4	8.3	7.6	7.3	-1
Allentown-Bethlehem-Easton, Pa..	7.7	6.2	5.5	5.9	6.4	7.3	8.0	8.1	8.4	7.8	8.0	+4
Atlanta, Ga.....	24.7	21.8	21.7	20.8	22.5	23.5	23.7	25.0	25.6	25.9	24.7	0
Baltimore, Md.....	38.2	33.0	29.7	30.0	33.6	36.4	38.2	40.1	40.8	41.5	41.4	+8
Baton Rouge, La.....	9.5	8.8	8.6	8.1	8.4	8.8	8.9	8.6	8.9	9.1	8.4	-12
Binghamton, N. Y.....	3.4	2.4	2.3	2.2	2.3	2.8	3.5	3.7	3.7	3.7	3.7	+9
Birmingham, Ala.....	13.4	12.9	11.4	12.7	12.8	13.1	13.5	13.9	14.3	14.5	14.3	+7
Boise, Idaho.....	2.1	1.8	1.7	1.7	1.8	1.9	2.0	2.1	2.2	2.2	2.2	+5
Boston, Mass.....	49.1	41.7	36.7	35.0	36.2	42.4	46.7	48.4	48.3	49.7	49.7	+1
Bridgeport, Conn. 3.....	5.9	5.3	4.8	4.5	4.6	5.0	4.2	5.7	5.7	5.6	5.5	-7
Buffalo, N. Y.....	26.2	20.0	18.9	17.4	18.1	21.1	23.6	25.9	27.0	27.8	28.6	+9
Canton, Ohio.....	4.5	2.9	2.9	2.8	3.1	3.0	3.9	4.3	4.5	4.6	4.5	0
Casper, Wyo. 4.....	1.6	1.4	1.1	1.1	1.2	1.4	1.5	1.7	1.8	1.7	1.7	+6
Charleston, S. C.....	3.9	4.2	4.4	4.3	4.3	4.2	4.2	4.2	4.4	4.5	4.3	+10
Charleston, W. Va.....	4.7	3.9	3.7	3.8	3.8	4.3	4.6	4.9	5.1	5.1	5.1	+9
Charlotte, N. C.....	6.5	5.7	5.4	5.3	5.6	5.7	5.8	6.1	6.3	6.5	6.8	+5
Chattanooga, Tenn.....	3.5	3.6	3.4	3.9	4.3	4.3	4.3	4.3	4.1	4.2	4.1	+17
Chicago, Ill.....	135.0	106.5	107.1	104.0	109.5	120.3	125.5	127.6	130.8	(2)	(2)	.....
Cincinnati, Ohio.....	19.8	17.3	16.6	16.1	16.6	18.3	19.1	19.2	19.0	20.1	20.4	+3
Cleveland, Ohio.....	33.8	27.8	26.5	24.4	25.6	28.0	29.4	31.9	33.5	33.2	32.4	+4
Columbia, S. C.....	4.5	4.1	4.3	4.2	4.3	4.4	4.5	4.6	4.7	4.9	4.7	+4
Columbus, Ohio.....	15.8	12.3	11.3	11.4	11.7	13.5	13.9	15.5	16.5	17.0	16.8	+6
Dayton, Ohio.....	8.5	6.2	5.9	6.1	6.4	7.2	7.7	8.3	8.5	8.8	8.6	+1
Denver, Colo.....	22.1	21.3	19.6	18.7	19.4	19.8	20.9	22.8	23.8	23.5	23.4	+6
Des Moines, Iowa.....	5.8	5.0	4.6	4.4	4.7	5.7	4.2	6.4	6.4	6.4	6.2	+7
Detroit, Mich.....	52.9	43.1	38.7	37.5	40.7	43.8	48.5	48.1	51.3	53.7	48.4	-9
Duluth, Minn.....	3.0	2.3	1.9	1.8	1.7	1.9	2.0	2.6	2.7	2.7	2.7	-10
Evansville, Ind.....	3.1	2.6	2.4	2.3	2.3	2.4	2.4	2.6	2.7	2.7	2.6	-16
Fargo, N. D. 4.....	3.2	1.6	1.4	1.2	1.2	1.6	2.3	2.6	2.7	2.7	2.7	-16
Flint, Mich.....	3.9	3.4	3.3	3.1	3.0	3.4	4.1	4.3	4.7	4.8	4.7	+21
Fort Wayne, Ind.....	3.7	3.1	2.9	2.8	2.9	3.3	3.4	3.5	3.5	3.5	3.4	-8
Grand Rapids, Mich.....	5.3	4.7	4.3	4.1	4.5	5.3	5.7	6.3	6.4	6.8	6.4	+21
Great Falls, Mont.....	2.2	1.5	1.4	1.2	1.4	1.7	1.9	2.1	2.1	2.0	1.9	-14
Harrisburg, Pa.....	8.6	6.3	5.7	5.5	6.1	6.8	7.2	7.2	8.4	8.4	8.3	-3
Hartford, Conn. 3.....	11.0	9.9	8.9	8.8	9.0	9.6	10.3	10.8	10.9	11.1	10.8	-2
Huntington-Ashland, W. Va.....	2.9	2.7	2.5	2.3	2.4	2.4	2.7	2.5	2.7	2.6	2.5	-14
Indianapolis, Ind.....	13.8	10.1	10.2	10.0	10.5	11.5	12.4	12.8	13.2	13.5	13.5	-2
Jackson, Miss.....	5.5	4.1	3.7	3.6	3.8	3.8	3.9	3.8	4.1	4.5	4.5	-18
Jacksonville, Fla.....	10.8	11.0	10.8	10.7	11.1	11.4	11.6	11.5	11.2	11.2	11.4	+6
Kansas City, Mo.....	26.0	24.2	23.3	22.2	24.3	25.5	27.0	27.6	26.8	26.5	25.8	-1
Knoxville, Tenn.....	6.9	6.7	6.6	6.6	7.4	7.4	7.8	8.7	8.8	9.0	8.9	+29
Lancaster, Pa. 5.....	4.9	4.0	4.0	4.0	4.1	4.3	4.6	5.0	5.4	5.3	5.1	+4
Lansing, Mich.....	4.0	3.6	2.9	2.7	2.9	3.6	4.0	4.4	4.4	4.4	4.1	+3
Lewiston-Auburn, Maine.....	1.0	1.0	.9	.8	.8	.9	1.0	1.1	1.2	1.2	1.1	+10
Little Rock-N. Little Rock, Ark. 4.....	6.1	5.2	4.6	4.5	4.9	5.1	5.6	6.1	6.4	6.4	5.9	-3
Los Angeles-Long Beach, Calif.....	127.7	124.8	122.7	117.9	125.6	128.2	132.6	132.1	135.3	140.4	139.2	+9
Louisville, Ky.....	13.5	11.3	10.7	10.8	12.4	13.7	13.8	14.6	15.2	15.5	14.2	+5
Manchester, N. H. 4.....	2.3	2.0	1.7	1.6	1.6	1.8	1.9	2.2	2.3	2.4	2.3	0
Memphis, Tenn.....	12.3	11.2	10.4	10.7	11.4	11.6	11.4	11.5	11.9	11.9	11.6	+6
Miami, Fla.....	28.3	28.7	28.3	27.6	26.0	26.9	28.0	29.4	31.7	31.7	30.9	+9
Milwaukee, Wis.....	21.9	19.1	18.8	18.0	18.2	19.4	21.3	22.7	22.8	23.1	23.4	+7
Minneapolis-St. Paul, Minn.....	34.2	28.6	25.7	24.5	25.9	28.7	29.1	32.3	33.8	34.8	34.1	(1)
Mobile, Ala.....	5.4	5.2	5.3	5.4	5.5	5.5	5.6	5.8	6.0	5.8	5.9	+9
Muskegon-Muskegon Heights, Mich.....	1.5	1.4	1.3	1.1	1.4	1.6	1.6	1.8	1.8	1.7	1.6	+7
Nashville, Tenn.....	7.5	6.7	6.3	6.1	6.4	7.0	7.1	7.3	7.6	7.9	7.9	+5
New Bedford, Mass.....	1.1	1.1	1.0	.9	1.0	1.3	1.4	1.4	1.7	1.6	1.5	+36

see footnotes at end of table G-3.

Table G-4: Contract Construction: Employment in Selected Areas--Continued

Area	Number of employees (in thousands)											Percent change, Sept. 1958-59	
	1958		1959										
	Sept.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.		
New Britain, Conn. <sup>3</sup> .....	1.5	1.4	1.2	1.2	1.2	1.4	1.5	1.5	1.5	1.5	1.5	10	
New Haven, Conn. <sup>3</sup> .....	7.7	7.0	6.4	6.3	6.4	7.0	7.7	7.8	7.9	7.8	7.7	0	
New Orleans, La.....	19.3	19.1	18.5	18.3	18.3	18.1	18.3	18.2	17.9	17.5	17.6	+9	
New York-Northeastern N. Jersey..	247.9	217.4	201.7	193.4	203.8	219.7	228.7	238.7	225.4	250.7	252.2	+2	
Newark-Jersey City, N. J.....	31.0	28.0	26.0	25.5	26.8	27.7	29.0	29.2	32.3	35.6	34.9	+13	
Paterson, N. J.....	25.8	21.2	19.8	18.9	19.7	21.9	22.6	23.0	24.5	25.7	25.9	(1)	
Perth Amboy, N. J.....	10.1	8.5	8.7	7.7	8.0	8.5	9.0	9.3	10.2	11.7	11.0	+9	
Nassau-Suffolk Counties, N. Y..	34.9	28.8	23.0	20.9	24.0	28.5	31.2	34.3	27.9	34.2	34.8	(1)	
New York, N. Y.....	*123.9	*113.5	108.4	104.5	108.2	112.7	114.1	119.5	106.9	117.7	120.0	-3	
Westchester County, N. Y.....	20.9	16.3	13.8	13.9	14.3	17.4	19.4	19.8	19.7	21.4	20.9	0	
Norfolk-Portsmouth, Va.....	12.1	11.3	11.5	11.6	12.1	12.9	13.3	14.2	14.4	15.0	14.7	+21	
Oklahoma City, Okla.....	10.0	9.7	9.5	9.7	10.4	10.6	11.0	11.7	11.9	12.2	12.1	+21	
Omaha, Nebr. <sup>3</sup> .....	10.5	9.4	9.0	8.4	8.9	9.8	10.1	10.8	11.3	11.2	11.2	+7	
Peoria, Ill.....	*4.2	*4.0	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	.....	
Philadelphia, Pa.....	78.3	66.7	62.8	61.8	65.1	72.0	76.2	77.8	79.1	80.6	81.1	+4	
Phoenix, Ariz.....	15.7	15.8	15.2	15.0	15.3	15.9	16.1	13.9	9.1	15.3	16.7	+6	
Pittsburgh, Pa.....	44.9	36.2	34.9	35.2	36.7	40.6	41.8	42.5	43.8	41.4	41.2	-8	
Portland, Maine.....	3.8	3.4	2.7	2.3	2.2	2.5	2.8	3.2	3.7	3.9	3.9	+3	
Portland, Oreg.....	15.8	13.6	12.3	12.6	12.8	13.7	13.9	14.1	15.5	16.7	16.7	+6	
Providence, R. I.....	17.9	15.8	14.2	13.0	14.0	16.3	17.7	18.5	18.1	17.7	17.5	-2	
Racine, Wis.....	2.2	1.5	1.4	1.3	1.3	1.5	2.0	2.1	2.5	2.5	2.3	+5	
Reno, Nev.....	2.9	2.5	2.3	2.2	2.4	2.6	2.7	2.9	2.6	2.3	2.9	0	
Richmond, Va.....	12.3	10.9	10.9	11.3	11.7	12.3	12.4	12.9	12.7	12.8	12.7	+3	
Rochester, N. Y.....	11.4	9.4	8.3	7.5	7.3	8.3	9.4	10.3	10.9	11.6	(2)	.....	
Rockford, Ill. <sup>3</sup> .....	*4.4	*3.1	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	.....	
Sacramento, Calif.....	10.1	9.8	8.9	8.6	9.1	9.6	10.6	11.3	11.6	11.9	11.9	+18	
Saginaw, Mich.....	2.9	2.1	1.9	1.8	1.8	2.3	2.6	2.8	2.8	2.9	2.9	0	
St. Louis, Mo.....	32.9	28.0	26.3	25.0	26.4	29.4	29.1	30.6	31.7	30.3	30.8	-6	
Salt Lake City, Utah.....	9.6	8.0	7.0	6.7	7.4	7.7	8.3	8.8	9.1	9.6	9.8	+2	
San Diego, Calif.....	18.9	19.0	18.6	18.2	18.8	19.2	19.7	20.0	20.3	20.3	20.1	+6	
San Francisco-Oakland, Calif.....	61.2	58.4	55.2	53.5	57.7	58.3	59.8	61.1	61.6	62.8	62.6	+2	
San Jose, Calif.....	14.0	14.1	13.1	12.7	13.6	14.0	14.5	15.0	15.5	16.0	15.8	+13	
Savannah, Ga.....	5.1	4.5	4.7	5.0	4.8	4.7	5.1	5.4	5.1	5.2	4.9	-4	
Seattle, Wash.....	15.8	13.7	13.3	13.5	14.2	14.6	15.3	16.3	17.0	17.5	17.0	+8	
Shreveport, La.....	6.7	6.4	6.2	5.7	6.1	6.3	6.5	6.7	6.7	6.7	6.4	-4	
Sioux Falls, S. D.....	2.0	1.3	1.1	1.1	1.2	1.4	1.6	1.8	1.9	2.0	1.9	-5	
South Bend, Ind.....	3.0	2.5	2.4	2.5	2.7	2.9	3.1	3.3	3.3	3.3	3.3	+10	
Spokane, Wash.....	4.6	3.4	3.1	2.9	3.5	4.4	4.9	5.2	5.3	5.4	5.6	+22	
Springfield-Holyoke, Mass.....	5.7	5.0	4.3	4.1	4.4	5.1	5.9	6.1	6.4	6.3	6.3	+11	
Stamford, Conn. <sup>3</sup> .....	3.7	3.3	2.9	2.8	3.0	3.4	3.6	3.6	3.6	3.4	3.3	-11	
Syracuse, N. Y.....	6.4	5.6	4.9	4.3	4.4	4.9	5.5	5.8	5.9	6.2	6.0	-6	
Tacoma, Wash.....	4.2	3.6	3.3	3.2	3.3	3.6	3.5	3.9	4.3	4.4	4.2	0	
Tampa-St. Petersburg, Fla.....	22.1	21.8	21.6	21.8	21.2	21.2	22.2	22.4	23.3	23.2	23.4	+6	
Toledo, Ohio.....	9.8	8.6	7.9	7.6	7.9	9.1	9.6	10.5	12.3	12.2	12.2	+24	
Topeka, Kans. <sup>4</sup> .....	4.5	3.3	3.0	2.8	3.2	3.4	3.4	3.4	3.6	3.8	3.8	-16	
Trenton, N. J.....	5.0	4.3	3.7	3.9	4.4	5.0	5.1	5.0	4.9	4.9	5.2	+4	
Tucson, Ariz.....	5.9	6.0	5.7	5.7	5.8	5.8	5.8	5.2	4.0	5.7	6.1	+3	
Tulsa, Okla.....	7.2	7.4	7.2	7.1	7.5	7.7	7.7	8.0	8.1	8.2	8.1	+13	
Utica-Rome, N. Y.....	3.5	2.0	1.7	1.6	1.7	2.1	2.7	3.0	3.3	3.1	2.6	-26	
Washington, D. C.....	45.4	42.1	40.9	40.1	41.8	43.4	44.3	45.1	45.6	47.2	47.3	+4	
Waterbury, Conn. <sup>3</sup> .....	2.2	2.0	1.7	1.6	1.7	1.9	2.1	2.2	2.2	2.2	2.1	-5	
Wheeling-Steubenville, W. Va.....	6.7	6.3	5.7	5.6	5.3	4.7	4.5	5.1	5.3	6.5	6.5	-3	
Wichita, Kans. <sup>4</sup> .....	7.4	6.6	6.4	6.2	6.8	6.9	7.3	7.5	7.6	7.4	7.1	-4	
Wilmington, Del.....	10.7	9.2	8.2	7.9	8.4	9.2	9.6	9.9	10.0	10.2	9.5	-11	
Worcester, Mass.....	3.8	3.1	2.5	2.3	2.2	2.4	2.5	2.6	2.5	2.5	2.8	-26	
Youngstown, Ohio.....	9.5	7.6	7.4	7.6	7.8	8.9	9.7	10.5	10.7	10.4	10.2	+7	

See footnotes at end of table G-3.



Table G-5: Contract Construction: Indexes of Aggregate Weekly Man-Hours

(1947-49=100)													
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
1948.....	89.6	81.3	86.7	95.0	102.2	111.9	115.1	117.3	116.2	113.3	106.6	105.4	103.4
1949.....	94.2	88.9	89.2	95.0	103.1	106.8	110.5	114.2	111.5	111.4	104.4	94.9	102.0
1950.....	84.6	79.5	83.7	95.8	106.1	116.7	122.1	129.5	126.1	128.9	123.9	112.7	109.1
1951.....	106.4	99.3	105.4	116.9	126.4	131.8	137.7	141.1	138.5	139.8	124.2	121.6	124.1
1952.....	111.1	112.3	108.3	117.5	125.4	136.8	138.9	143.2	144.0	139.9	128.2	123.9	127.5
1953.....	109.1	108.7	109.1	115.8	122.6	130.4	132.0	137.2	131.7	136.7	126.7	117.2	123.1
1954.....	95.5	102.8	106.4	113.5	120.3	128.0	131.4	134.0	128.6	128.6	123.3	114.4	118.9
1955.....	101.4	98.6	108.4	115.8	129.8	137.0	144.0	144.3	146.6	138.3	125.6	121.1	125.9
1956.....	108.1	108.5	109.2	123.6	136.4	152.6	151.5	157.1	155.4	151.1	137.6	128.9	135.0
1957.....	105.6	112.2	114.8	122.3	131.9	141.2	143.2	145.5	141.3	137.0	120.2	112.9	127.3
1958.....	102.4	85.9	98.9	109.1	122.7	128.1	132.1	137.9	136.1	135.3	123.8	105.7	118.2
1959.....	99.7	92.0	103.7	119.0	129.2	138.9	140.1	146.1	136.6	133.1			

Source: Department of Labor, Bureau of Labor Statistics.

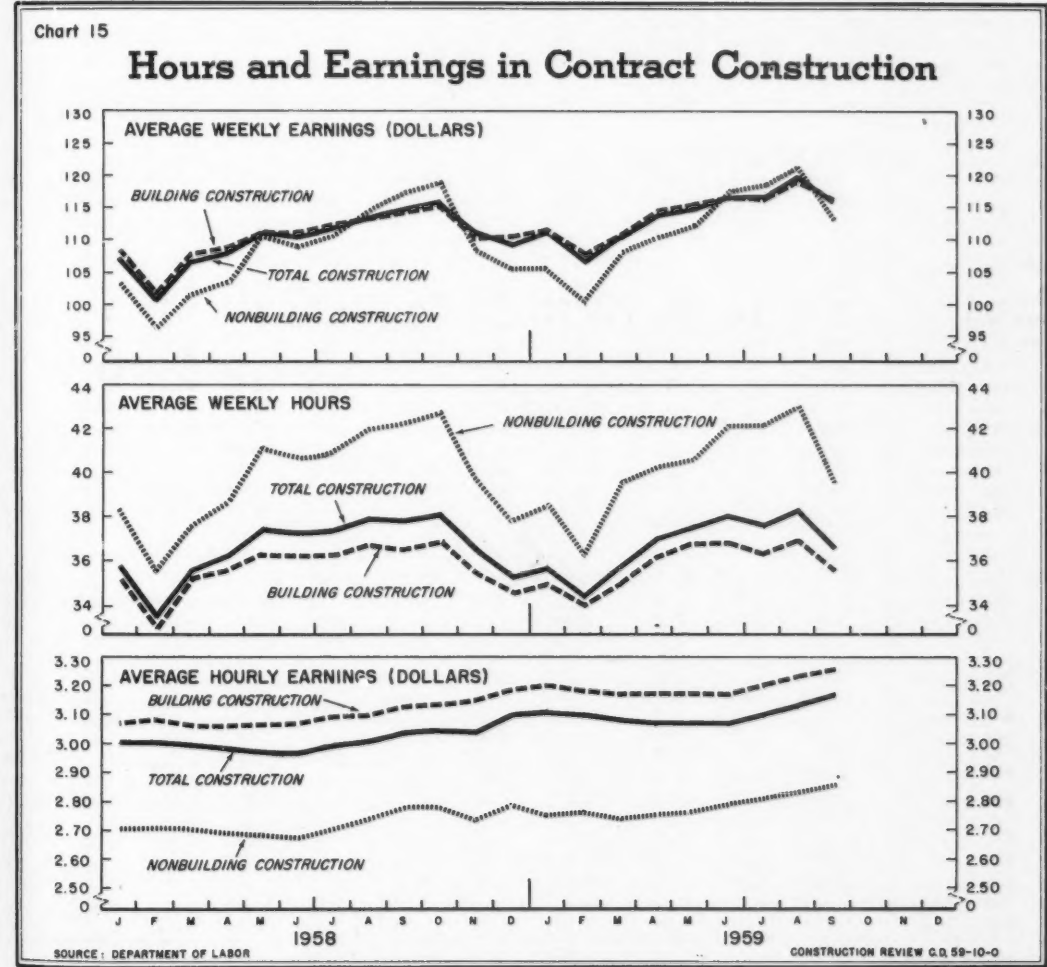


Table G-6: Contract Construction: Hours and Gross Earnings of Construction Workers

Period	All contractors	Building contractors							Nonbuilding construction		
		All building contractors	General contractors	Special trades contractors					All non-building	Highway and street	Other non-building
				All special trades	Plumbing and heating	Painting and decorating	Electrical work	Other trades			
AVERAGE WEEKLY EARNINGS											
Year: 1955.....	\$95.94	\$96.29	\$90.22	\$100.83	\$106.40	\$94.38	\$116.52	\$96.21	\$95.11	\$91.27	\$98.50
1956.....	101.83	101.92	95.04	107.16	112.31	99.81	125.22	102.39	101.59	97.63	104.94
1957.....	106.64	106.86	98.89	112.17	118.87	103.75	132.10	106.30	105.07	98.66	110.15
1958.....	110.47	110.67	102.53	115.28	123.23	107.95	135.97	109.31	109.47	104.14	114.25
1958: Sept.....	114.91	114.25	105.56	118.99	126.39	110.25	140.09	113.53	117.32	114.23	120.07
Oct.....	115.82	115.18	107.01	119.64	126.39	110.92	140.12	114.12	118.71	117.04	120.66
Nov.....	110.66	111.16	103.37	115.73	121.77	108.73	134.66	110.66	108.11	102.62	113.59
Dec.....	109.43	110.37	99.12	116.51	127.59	109.10	140.48	107.24	105.36	99.98	114.55
1959: Jan.....	111.03	111.65	103.01	116.86	127.64	107.52	139.41	108.54	105.88	99.59	114.55
Feb.....	106.64	108.12	100.25	112.20	123.28	104.63	137.58	102.72	100.19	85.40	109.82
Mar.....	110.57	110.95	103.19	115.15	125.33	109.07	138.65	106.88	108.23	98.21	115.84
Apr.....	113.59	114.44	106.07	119.13	127.72	111.97	141.64	112.70	110.28	103.28	116.61
May.....	114.82	115.39	106.36	120.82	129.12	113.60	141.64	115.31	112.06	106.55	118.00
June.....	116.66	116.66	108.19	121.81	128.78	114.52	143.91	116.28	117.46	113.88	120.77
July.....	116.56	116.16	107.15	120.88	129.96	114.95	145.08	114.37	118.30	115.44	121.29
Aug.....	119.88	119.19	110.70	123.98	131.45	117.00	144.71	118.70	121.26	119.71	123.07
Sept.....	116.02	116.38	107.87	121.36	125.94	116.47	138.74	117.17	113.26	110.03	116.66
AVERAGE WEEKLY HOURS											
Year: 1955.....	36.9	36.2	35.8	36.4	38.0	34.7	39.1	35.5	40.3	41.3	39.4
1956.....	37.3	36.4	36.0	36.7	38.2	34.9	39.5	35.8	40.8	41.9	39.9
1957.....	36.9	36.1	35.7	36.3	38.1	34.7	39.2	35.2	39.8	40.6	39.2
1958.....	36.7	35.7	35.6	35.8	37.8	34.6	38.3	34.6	40.1	41.0	39.4
1958: Sept.....	37.8	36.5	36.4	36.5	38.3	35.0	38.7	35.7	42.2	43.6	40.7
Oct.....	38.1	36.8	36.9	36.7	38.3	35.1	38.6	36.0	42.7	44.5	40.9
Nov.....	36.4	35.4	35.4	35.5	36.9	34.3	37.2	34.8	39.6	40.4	38.9
Dec.....	35.3	34.6	33.6	35.2	38.2	34.2	38.7	33.2	37.9	37.0	38.7
1959: Jan.....	35.7	35.0	34.8	35.2	38.1	33.6	38.3	33.5	38.5	38.2	38.7
Feb.....	34.4	34.0	34.1	34.0	36.8	32.8	37.9	32.0	36.3	35.0	37.1
Mar.....	35.9	35.0	35.1	35.0	37.3	34.3	38.3	33.4	39.5	39.6	39.4
Apr.....	37.0	36.1	36.2	36.1	37.9	35.1	38.7	35.0	40.1	40.5	39.8
May.....	37.4	36.4	36.3	36.5	38.2	35.5	38.7	35.7	40.6	41.3	40.0
June.....	38.0	36.8	36.8	36.8	38.1	35.9	39.0	36.0	42.1	43.3	40.8
July.....	37.6	36.3	36.2	36.3	38.0	35.7	39.0	35.3	42.1	43.4	40.7
Aug.....	38.3	36.9	36.9	36.9	38.1	36.0	38.9	36.3	43.0	44.5	41.3
Sept.....	36.6	35.7	35.6	35.8	36.4	35.4	36.9	35.4	39.6	40.6	38.5
AVERAGE HOURLY EARNINGS											
Year: 1955.....	\$2.60	\$2.66	\$2.52	\$2.77	\$2.80	\$2.72	\$2.98	\$2.71	\$2.36	\$2.21	\$2.50
1956.....	2.73	2.80	2.64	2.92	2.94	2.86	3.17	2.86	2.49	2.33	2.63
1957.....	2.89	2.96	2.77	3.09	3.12	2.99	3.37	3.02	2.64	2.43	2.81
1958.....	3.01	3.10	2.88	3.22	3.26	3.12	3.55	3.15	2.73	2.54	2.90
1958: Sept.....	3.04	3.13	2.90	3.26	3.30	3.15	3.62	3.18	2.78	2.62	2.95
Oct.....	3.04	3.13	2.90	3.26	3.30	3.16	3.63	3.17	2.78	2.63	2.95
Nov.....	3.04	3.14	2.92	3.26	3.30	3.17	3.62	3.18	2.73	2.54	2.92
Dec.....	3.10	3.19	2.95	3.31	3.34	3.19	3.63	3.23	2.78	2.54	2.96
1959: Jan.....	3.11	3.19	2.96	3.32	3.35	3.20	3.64	3.24	2.75	2.45	2.96
Feb.....	3.10	3.18	2.94	3.30	3.35	3.19	3.63	3.21	2.76	2.44	2.96
Mar.....	3.08	3.17	2.94	3.29	3.36	3.18	3.62	3.20	2.74	2.48	2.94
Apr.....	3.07	3.17	2.93	3.30	3.37	3.19	3.66	3.22	2.75	2.55	2.93
May.....	3.07	3.17	2.93	3.31	3.38	3.20	3.66	3.23	2.76	2.58	2.95
June.....	3.07	3.17	2.94	3.31	3.38	3.19	3.69	3.23	2.79	2.63	2.96
July.....	3.10	3.20	2.96	3.33	3.42	3.22	3.72	3.24	2.81	2.66	2.98
Aug.....	3.13	3.23	3.00	3.36	3.45	3.25	3.72	3.27	2.82	2.69	2.98
Sept.....	3.17	3.26	3.03	3.39	3.46	3.29	3.76	3.31	2.86	2.71	3.03
Percent change, September 1958-59											
Avg. wkly. earnings	+1.0	+1.9	+2.2	+2.0	- 4	+5.6	-1.0	+3.2	-3.5	-3.7	-2.8
Avg. wkly. hours.....	-3.2	-2.2	-2.2	-1.9	-5.0	+1.1	-4.7	- 8	-6.2	-6.9	-5.4
Avg. hrly. earnings..	+4.3	+4.2	+4.5	+4.0	+4.8	+4.4	+3.9	+4.1	+2.9	+3.4	+2.7

Source: Department of Labor, Bureau of Labor Statistics.

(NOTE: Table G-7, Registered Apprentices in the Building Trades, is published on a semiannual basis, as data become available.)

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